STANLEY

CATALOG No. 34

TOOLS

STANLEY®

STANLEY
"THE TOOL BOX OF THE WORLD"

STANLEY

Reg. U.S. Pat. Off.

TOOLS

Catalog No. 34

STANLEY TOOLS

DIVISION OF THE STANLEY WORKS

New Britain, Conn., U. S. A.

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THE TOOL BOX OF THE WORLD

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Main Plant,
Stanley Tools,
New Britain, Conn.

TO THE USERS OF STANLEY TOOLS

In publishing this catalog, it has been our purpose to present to the users of Stanley Tools a hand-book containing a comprehensive description and complete specifications, of the tools we manufacture. Stanley Tools are sold in every civilized country, and stocks are carried by leading jobbers and dealers in hardware.

As this catalog goes to press, some of the tools illustrated are not being made because of shortages of material and manpower. If you find that a Stanley Tool you want has been temporarily discontinued, your hardware dealer will help you substitute another Stanley Tool in its place.

Prices

The prices shown are merely a guide as to the comparative value of the different tools. Your hardware dealer will tell you today's prices for the different tools.

Special Booklets

In a book of this kind it is impracticable to go into all the details necessary to fully explain how to use many of our special tools, but we shall be glad to furnish complete information and instructions for any tool which is not completely explained in this catalog.

Stanley Planes

There is no tool in the Stanley line better known and respected than the Stanley Plane. It has been for many years and is today the last word in fine tool design and manufacture.

Quality

Every article is carefully inspected before shipment. Any article showing a defect in workmanship or material will be replaced free of charge if returned to us, transportation charges prepaid. This is the only guarantee of our goods that we make and no representative of this Company is authorized to make any other.

Replacements

Distributors are never authorized to make replacements of our goods. Any item claimed defective must be sent to the factory, transportation charges prepaid for examination. If found defective in material or workmanship, it will be replaced free of charge.

Manufacturing Experience

This Company has been engaged in designing and manufacturing carpenter's tools since 1853 under the name Stanley. For several years prior to that time the same business was carried on under other names. We are thus enabled to manufacture and offer tools

which are the product of more than 100 years of study and experience. Their design, strength and convenience in use, make then a standard of value for carpenters and all users of tools.

Trade-Marks

A trade mark is really a trade name or device to designate or indicate the manufacturer of specific articles. The names "Bailey," "Stanley," "Victor," "Zig-Zag," "Forty-Five," "Fifty-Five," "Hurwood," "Atha," "Horseshoe," etc., are used to identify certain tools made only by this Company.

Boxing and Labeling

Stanley Tools are also identified by the boxes in which they are packed. The boxes are of a distinctive yellow color and have dark green labels of a special copyrighted design.

In General

Suggestions from Stanley Tool users will always be appreciated and will be given careful consideration by our engineering department.

The table given in the last pages of this book will prove valuable to artisans, home-owners and hobbyists.

We wish to express our great appreciation for the preference which has been shown Stanley Tools in the past, and trust we may be favored with your continued and valued patronage.

Other Stanley Products

Along with the making of tools is the experience of the hardware end of the business. Here again careful attention to detail in the manufacturing processes has made the name Stanley known for top quality when builders' hardware is discussed.

This organization manufactures a full line of Wrought Steel Hardware, Butts and Hinges, Garage Hardware, Storm Sash and Screen Hardware, Cabinet Hardware, Steel Strapping, Shelf Brackets, Electric Eye Door Operators and Wrought Steel Specialties. Circulars illustrating the various lines will be sent to those interested.

The North Brothers Mfg. Co., makers of "Yankee" Tools, Philadelphia, Pa., and The Russell Jennings Mfg. Co., Chester, Conn., manufacturers of auger bits and expansive bits, are both divisions of The Stanley Works and well-known for the high quality tools in their respective lines.

Another Stanley division manufactures a varied line of portable electric tools for use in industry. A folder describing Stanley Electric Tools will be mailed upon request.

STANLEY TOOLS

Division of The Stanley Works

New Britain, Conn., U. S. A.

Stanley Hardware Plant, New Britain, Conn.

100 PLUS

PULL-PUSH

STANLEY

HURWOOD

ZIG-ZAG

"YANKEE"

Russell Jennings

YANKEE HANDYMAN

STANLEY 5 PLANE

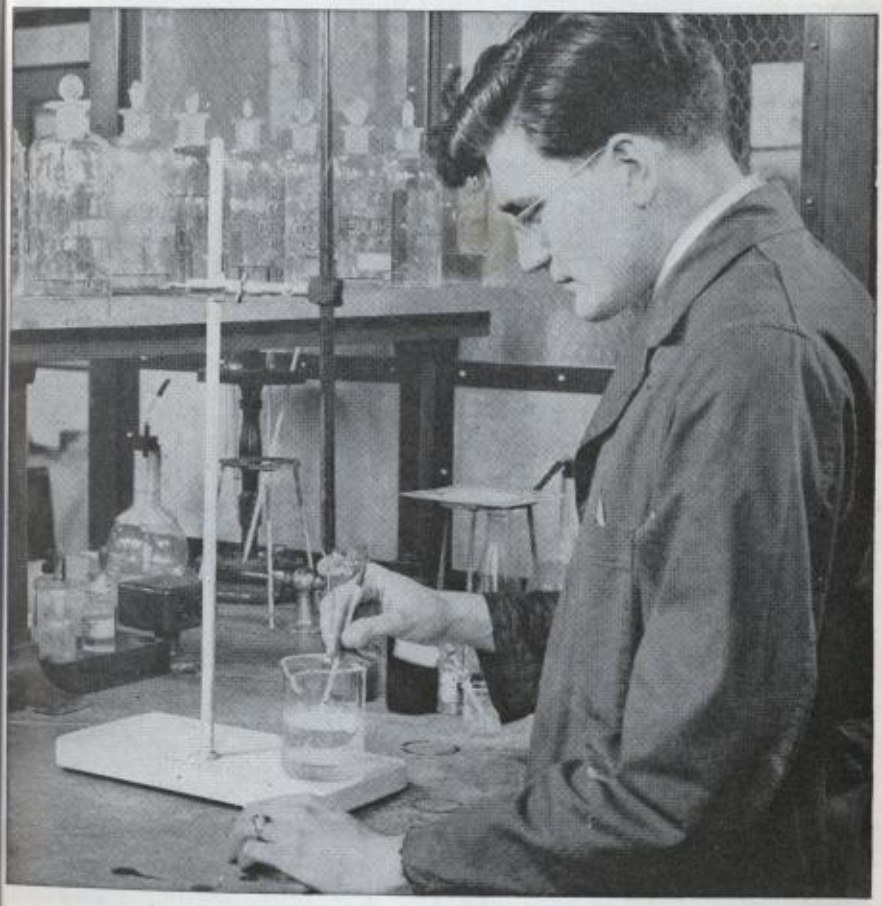
STANLEY TRADE MARKS

Some of the registered trade marks applying to Stanley Tools a illustrated above. All persons are cautioned against using any of o trade marks except for the purpose of identifying our goods. Among o registered trade marks are the following words:

Stanley	Russell Jennings
Atha	100 Plus
Zig-Zag	Victor
Bailey	Hurwood
Bed Rock	Handyman
Yankee	Yankee-Handyman
Pull-Push	

Our trade marks also include all letters and numbers arbitrari adopted and registered by us to identify goods of our manufactur Identifying numbers for Stanley Planes such as "3", "4", "5", "6 "7", "110" and "45" are typical examples.

QUALITY METHODS FOR QUALITY TOOLS



Laboratory Research

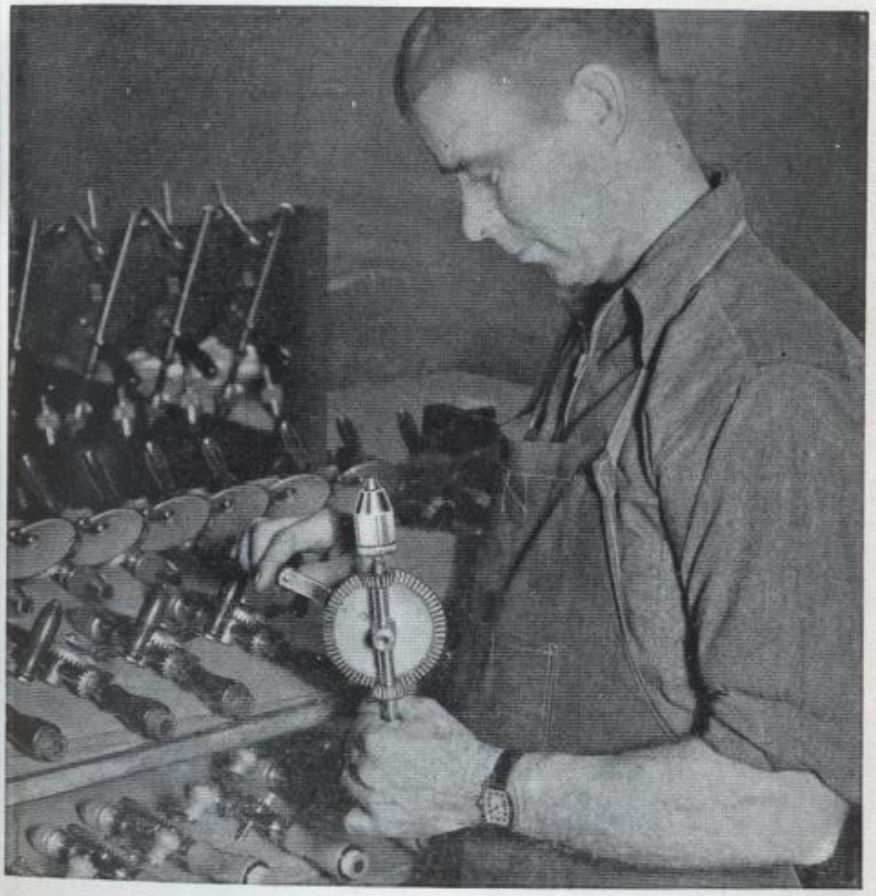
The Stanley laboratory, staffed with experts and with modern equipment, controls the selection of materials used in making Stanley Tools. Continuous testing determines the physical strength of metals, correct methods for heat treatment of steel and even electronic devices are developed by our laboratory to help in production.

QUALITY METHODS FOR QUALITY TOOLS

Heat Treating and Hardening

In the old days, proper heat treatment and hardening were determined by the skill and experience of the men who did the job. Today our skilled artisans are assisted in their work by elec and gas fired furnaces, by pyrome and other automatic instruments obtain the specified degree of treatment and hardening of steel.

QUALITY METHODS FOR QUALITY TOOLS



Inspection

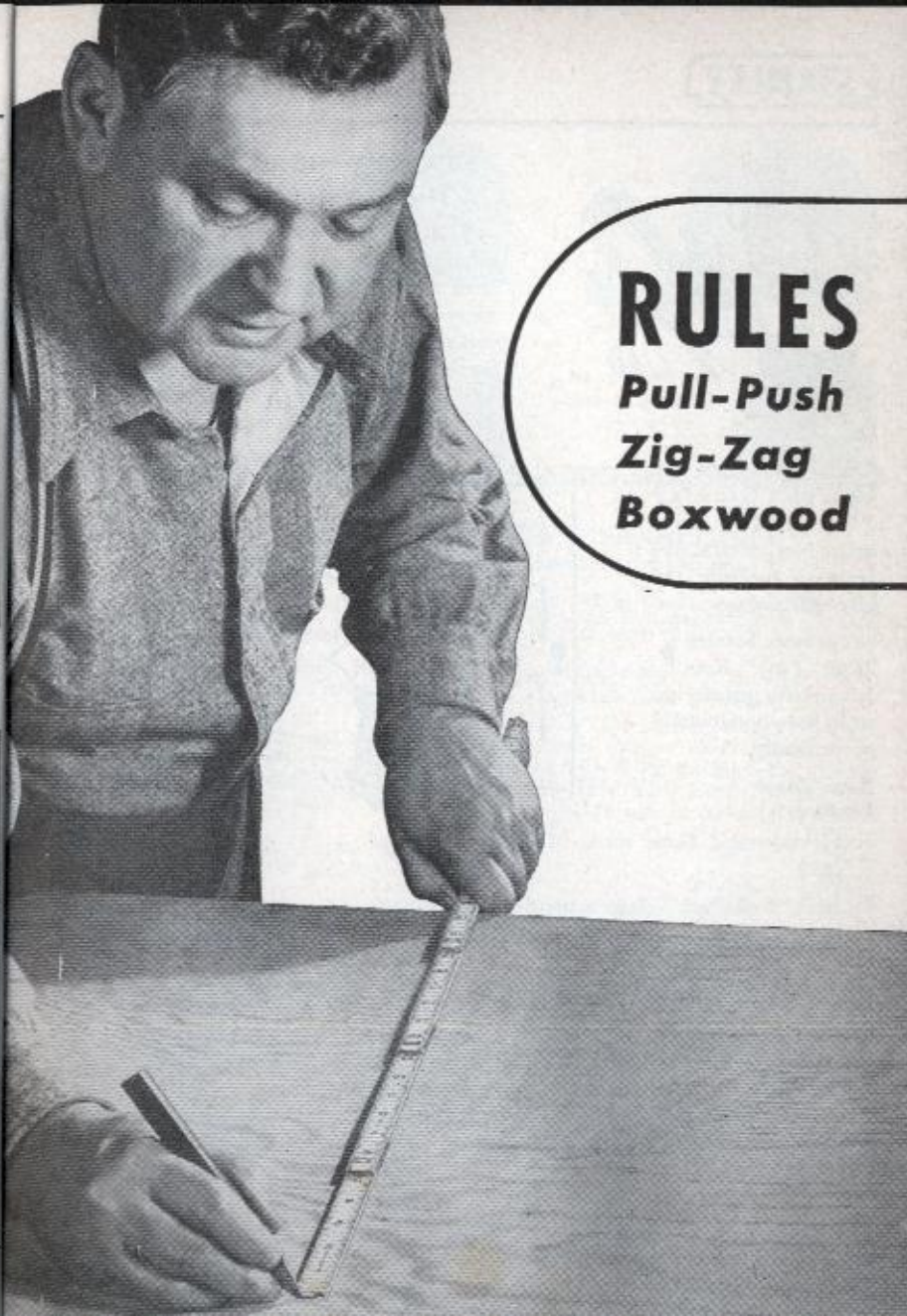
Inspection of Stanley Tools is tied in with the manufacturing processes. For example, a screw driver bar is tested and inspected before it is joined to the handle. But a final inspection of all Stanley Tools is made by trained inspectors whose job it is to pass or reject tools before packing. Stanley Tools must be right before shipping to hardware stocks.

STANLEY TOOLS ARE USED IN INDUSTRIAL PLANTS

Different sizes of Stanley Soft Face Hammers are used in aircraft manufacture and repair. Shown above, mechanic smooths out dent in plane door.

"YANKEE" Spiral Ratchet Scre Drivers are used on production lin to assemble work faster and cas with less worker fatigue.

Skilled patternmaker uses Stanley Rabbet Plane to smooth a wood pattern for a special casting.


RULES
Pull-Push
Zig-Zag
Boxwood

STANLEY "PULL-PUSH"* RUL
The Rules of A Thousand Uses

The Stanley "Pull-Push" Rule serves l as a rule and as a measuring tape, and car used in restricted places where other scaling vices cannot enter. The steel blade is rigid measuring straight, and with slight pressure comes flexible for measuring curved and angu surfaces. When not in use, the blade is co into a light, compact, watch-size case.

You can flex the blade of a Stanley "Pull-Push" Rule around cylindrical objects to measure the circumference.

The same Stanley "Pull-Push" Rule is rigid for measuring straight — horizontally or vertically.

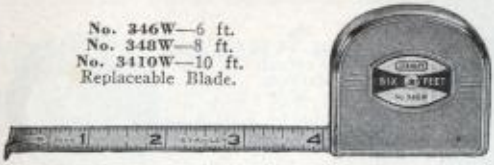
Basic features Stanley "Pull-Pu Rules are covered patents.

The blade of a St ley "Pull-Push" R can be bent to foll the contour of angu surfaces so that measurement does work of many.

Note These Features:

1. Flexible-rigid blade made of special tempered steel.
2. Safe "Pull-Push" blade action; blade is always under control—a light pull and out it comes; a light push and in it goes.
3. Accurate durable figures and graduations.
4. Easy to read—the black markings stand out in strong relief on a nickel plated background. The shape of the blade together with the patented nickel plated finish diffuses and reflects the light so that the figures can be read even in poorly lighted places.
5. Simple construction—no mechanism to wear, clog or get out of order.

* Registered U.S. Pat. Off.



No. 346W—6 ft.
No. 348W—8 ft.
No. 3410W—10 ft.
Replaceable Blade.

No. 556. 6 ft.—Replaceable Blade.

No. 1206W—6 ft.
No. 1208W—8 ft.
No. 1210W—10 ft.
Replaceable Blade.

No. 6386W
Direct Reading.

Stanley "Pull-Push" Rules With D-Shaped Cases
Cases 2 inches wide. Inside Measuring Feature

Useful, attractive watch size rules for men and women. Large black numerals make rules easy to read. Flexible—rigid steel blades graduated on both edges in inches and 16ths for their entire length and in 32nds on upper edge for 6 inches. All have safe "Pull-Push" blade action.

Replaceable Blade ½ Inch Wide Two-Tone Chromium Finish On Case

Handy rules for inside and outside measurements. Add two inches for inside measurements. Available with nickel plated blade or white finish blade.

Blade can be removed and new blade attached in a matter of seconds.

No.	Blade Finish	Length	Each	Extra Blade
346	Nickel Plated	6 ft.	$1.20	$0.65
346W	White Enamel	6 ft.	1.20	.65
348	Nickel Plated	8 ft.	1.40	.90
348W	White Enamel	8 ft.	1.40	.90
3410	Nickel Plated	10 ft.	1.60	1.00
3410W	White Enamel	10 ft.	1.60	1.00

Replaceable Blade ½ Inch Wide Chromium Finish Case

Large black numbers on white enamel blade. Add two inches to reading of blade for inside measurements. Blade is easily replaceable.

No.	Length	Each	Extra Blade
1206W	6 ft.	$0.98	$0.50
1208W	8 ft.	1.20	.60
1210W	10 ft.	1.50	.75

Replaceable Blades ⅝ Inch Wide D-Shape Case 2 Inches Wide

Handy for inside measurements—add two inches. Steel case, nickel plated with brushed satin finish. Nickel plated blade with large Gothic numbers. Blade can be replaced in a few seconds.

No.		Each	Extra Blade
556	6 ft.	$1.40	$0.80
558	8 ft.	1.60	1.00

Direct Reading Rule Blade ½ Inch Wide Case 2 Inches Diameter

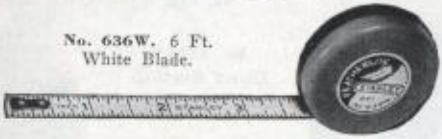
Accurate rule for taking inside and outside measurements. Red indicator on case points to exact inside measurement—nothing to add—no chance for mistakes. Black markings on blade are easy to read. Case nickel plated. Self-adjusting end hook on blade makes it handy for all measuring jobs.

No.		
6386W	White blade 6 ft.	$1.50

Rules Nos. 346, 346W, 556, 1206W and 6386W can be furnished with blades 2 meters long, graduated metric on lower edge, inches on upper edge, at no additional cost. Add ME to number.

No. 7506. 6 Ft.
Vertical Numerals.

No. 546.—6 ft.
Vertical
Marking.



No. 636W. 6 Ft.
White Blade.

No. 7566. 6 Ft.

STANLEY "PULL-PUSH" RULES

Watch-size Rules with safe "Pull-Push" action. Blades flexible for measur angles or curves, rigid for measuring straight. All blades graduated on both ed in inches and 16ths, and in 32nds on upper edge for first 6 inches.

Vertical Marking
Removable Blade 5/8 Inch Wide
Closed Case 2 3/16 Inches Diameter

The blade can be removed from the case and used light and free for end to end measurements, and for direct inside measurements.

"Target" style case is totally closed to dirt. Case is strong steel nickel plated.

No. 7506 6 ft. **$0.90**

"Featherlite"
White Blade 3/8 Inch Wide
Two-Tone Plastic Case

Featherweight — only 1½ ounce! Ideal for women as well as men. Tough plastic case is red one side, black the other. Blade can be replaced.

No. 636W 6 ft. **$0.85**

Vertical Marking
Attached Blade ½ Inch Wide

Nickel plated blade. Nickel pla case, brushed satin finish, 1 7/8 diameter.

No.	Length	Ea
546	6 ft.	**$1.**
548	8 ft.	**1.**

Attached Blade 3/8 Inch Wide
Case 1 5/8 Inch Diameter

Nickel plated blade with markin protected by clear lacquer. Nic plated case with black filled deco tions.

No. 7566 6 ft. **$1.**

Stanley "Pull-Push" Rules Nos. 546 and 7506 (shown above) can be furnished with blades 2 meters long, graduated metric on lower edge, inches on upper edge, at no additional cost. Add ME to number.

STANLEY "ZIG-ZAG"* RULES

The first spring joint rule made in the United States was a Stanley Rule. That was in 1899. It was immediately called the "Zig-Zag" Rule, and the name was registered with the United States Patent Office. Pioneered and continually improved by Stanley over a period of more than forty years, the Stanley "Zig-Zag" Rule with the Green Ends is rated by mechanics and woodworkers the world over as one of the finest spring joint rules ever offered.

It Takes a Year to Make a Stanley "Zig-Zag" Rule

After the tree is felled, twelve months are required before the wood is right for a Stanley Rule and seventy distinct operations are performed to give you a high quality Stanley "Ziz-Zag".

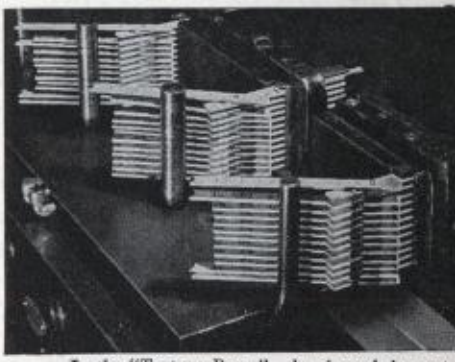
The native hardwood is air seasoned and kiln dried under the most favorable conditions. To prevent the entrance of moisture, all surfaces of rule sticks are sealed with a special Stanley preparation. These operations are your assurance of strong sticks.

The graduations and figures are accurately printed in jet black, and a fine durable finish of transparent plastic adds to the permanency and accuracy of Stanley "Zig-Zags".

The most durable long wearing metal is used in the joints. Specially designed locking pockets prevent "stretching" and "jack-knifing".

Frequent inspections and tests as the parts are made and assembled, and final inspections against U. S. Standards of Measurements are your assurance that Stanley "Zig-Zags" are made accurate to stay accurate.

Hauling the Rock Maple logs for Stanley "Zig-Zag" Rules.



In the "Torture Room"—day in and day out a machine tests the wearing qualities of Stanley "Zig-Zag" Rule joints.

Putting on the identifying "green ends" on Stanley "Zig-Zag" Rules — a final operation after rules have passed a series of rigid inspections.

* Registered U. S. Pat. Office

Distinguishing Features of Stanley "Zig-Zag"* Rules:

Stanley "Zig Zags" are made in a wide range of sizes, markings and finishes to sat every rule user. The features and main points of difference are explained below.

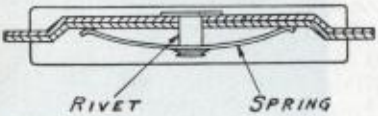
Joints

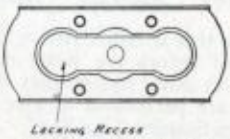
Stanley Rule Joints contain a stiff spring that holds the rule rigid and prevents jack-knifing. Made in two styles—concealed joints and rivet joints.

Concealed Joint (A). There is no hole through the wood. Special machinery permanently fastens the joint plates around the cut out portion of the sticks.

Rivet Joint (B). A rivet, through the wood, joint plates and spring, permanently fastens them together.

Why Stanley Joints Overcome "Stretching"





The above cuts show the construction of a Stanley "Zig Zag" Rule Joint. Note locking recesses on one plate and the locking projections on the other, which nest interlock when the plates are in line. They prevent endwise movement in either di tion. The walls of the recesses and projections are beveled so that they automatic take up wear. If you exert a strong pull on two sections of a rule you can feel the jo move up a little on the beveled walls but the instant pressure is released they are b in locked position. This joint is the most effective means of overcoming "stretch".

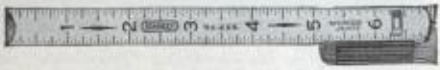
Other Features

Strike Plates—pieces of metal on each section of the concealed joint rules prevent the sticks f rubbing on the graduations. On rivet joint rules the rivet acts as a strike plate.

Markings

Gothic Marking

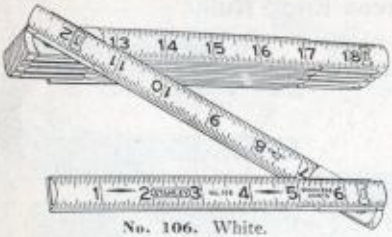
Large open figures—similar to those on telephone dials—are easy to read. Rules with this marking are graduated all edges.



Vertical Marking

Vertical figures and graduations on edges on Rules Nos. 266 and 266F m these Rules easy to read in any position.

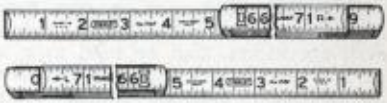
* Registered U.S. Pat. Off.



No. 106. White.
No. 06. Yellow.

No. 106F. Inside Marking.

No. 266



No. 156F. "Read-Rite".

Stanley "Zig-Zag" Rules—Green Ends Mean Finest Quality!

Check these features: Graduated all edges in inches and 16ths; Large Gothic figures; Selected hardwood sticks; Nickel silver joint plates assure easy action and long life; Attractively finished with Stanley lacquer and a protective coating of tough, transparent plastic. Red Diamonds and Green Ends. Protector Plates on outside sticks. Six-inch folds, ⅝ inch wide.

Concealed Joints—Regular Marking

Metal strike plates keep sticks from rubbing on graduations. Numbering begins on outside face of rule.

Yellow Finish

No.	Length	Each
06	6 ft.	$1.60

White Finish

106	6 ft.	$1.60
108	8 ft.	2.25

Inside Marking

Numbering begins on inside face of rule so that markings always lie close to the work.

No.	Length	Each
106F	6 ft.	$1.60
108F	8 ft.	2.25

Concealed Joints—Vertical Figures White Finish

Clear gothic numerals and graduations in vertical position on all edges make it easy to read at any angle, right or left, up or down, in either hand, without reversing or turning the rule over.

Regular Marking

Numbering begins on outside face of rule.

No.	Length	Each
266	6 ft.	$1.60

Inside Marking

Numbering begins on inside face of rule so that markings always lie close to the work.

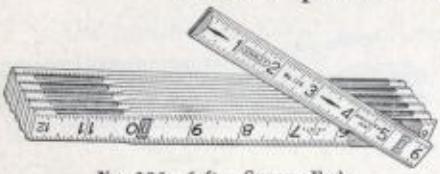
No.	Length	Each
266F	6 ft.	$1.60

"Read-Rite" Concealed Joints—Inside Marking

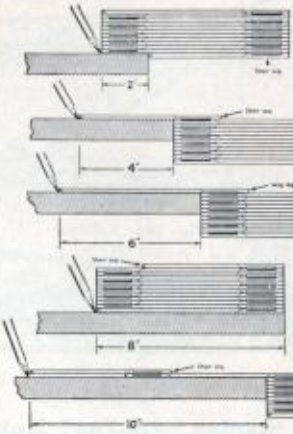
Two-way reading. No end-over-end twisting—read left to right, roll the rule over and read right to left. Large easy to read numbers. White finish.

No.	Length	Each
156F	6 ft.	$1.60

A New Important "Green End" Rule



No. 126—6 ft.—Square Ends



Square Green Ends for a new marking system. Every joint opens on an even number, as illustrated at right. Each additional opening adds an even six inches. Can be used as a marking gauge in 2 and 6 inch multiples. Big black numerals are easy to read. Plastic coating for longer wear. Nickel silver joints and strike plates.

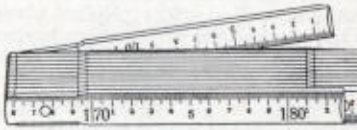
No.	Length	Finish	Each
126	6 ft.	White	**$1.60**

With Inside Flat Reading

Numbering begins on inside face of rule so that graduations lie close to the work.

126F	6 ft.	White	**1.60**

No. 806, 856



No. 806EM—Metric "Zig-Zag"

Medium Price, Stanley-Victor "Zig-Zag" Rules

Accurate, well made rules. Graduated in 16ths of inches, on all edges. Finished w yellow or white lacquer and with a protective coating of tough, transparent plastic longer wear. Durable, brass plated steel joints and tips, 6 inch folds, ⅝ inch w Rivet Joints.

Regular Marking

No.	Length	Finish	Each
804	4 ft.	Yellow	**$1.10**
806	6 ft.	Yellow	**1.30**
856	6 ft.	White	**1.30**

Inside Flat Reading

Numbering begins on inside face rule so that graduations lie close to work.

No.	Length	Finish	E
806F	6 ft.	Yellow	**$1**
856F	6 ft.	White	**1**

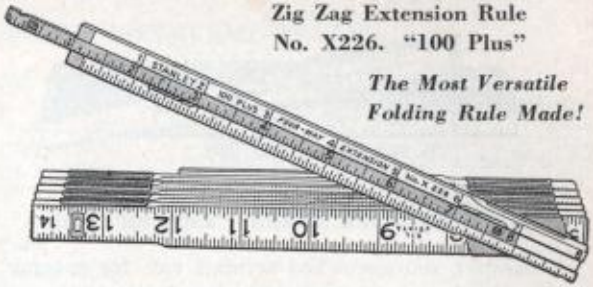
Metric "Zig-Zags"

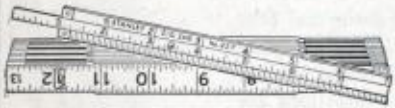
Graduated metric on one side and inches and 16ths on the other. Brass plated ri joints. Six inch folds, ⅝ inch wide.

No. 806EM	6 ft.	Yellow Finish	**$1.30** Each

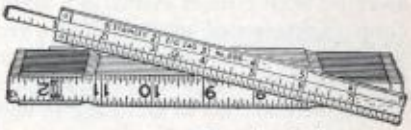
Zig Zag Extension Rule
No. X226. "100 Plus"

The Most Versatile Folding Rule Made!





No. X227. Extension Rule.



No. X206. Extension Rule.

Stanley "100 Plus" "Zig-Zag" Extension Rule

The most useful folding extension rule ever offered. Can be used four ways: **on inside measurements, reading of slide and rule are centered at one point;** may be used as an ordinary extension rule for inside measurements, and as a regular "Zig-Zag" for outside measurements reading from either end. Brass slide is retained in rule by means of stops, but may be removed to measure hole depths, etc. Extra thick sticks Graduated in 16ths. Nickel silver concealed joints and strike plates. 8 inch brass slide, 8 inch folds, ⅝ inch wide. White finish with green ends.

No. X226	6 feet plus 8 inch slide	**$2.75** Each

Extension Rule

Extra thick and strong sticks made from straight grained hardwood. Finished natural wood color with green ends. Sealed against moisture and finished with heavy coatings of clear lacquer. Large Gothic figures. Graduated in inches and 16ths both edges.

7-inch brass slide, graduated in inches by 16ths, can be extended 6 inches. Slide has thumb knob. Nickel silver joints, brass tips and strike plates. Six inch folds, ⅝ inch wide.

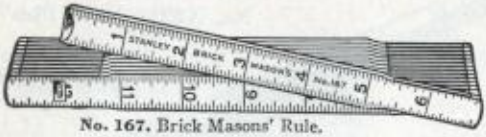
No. X227	6 feet plus 7 inch slide	**$2.40** Each
No. X227W	(white finish—otherwise the same as No. X227)	**2.40** Each

Extension Rule

Selected Hardwood Sticks. First leg is extra thick and has 7 inch brass extension slide, graduated in inches and 16ths. Each leg sealed against moisture and finished with heavy coatings of lacquer. Large Gothic figures, graduations in inches and 16ths on each edge.

Finished natural wood color. Nickel silver joints, brass tips and strike plates. Green ends.

No. X206	6 feet plus 7 inch slide	**$2.10** Each



No. 167. Brick Masons' Rule.

Stanley Brick Masons "Zig Zag" Rule

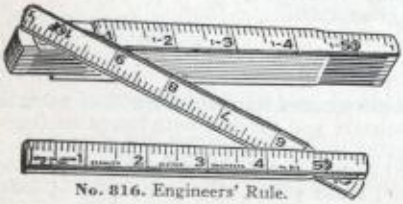
A compact, convenient and accurate rule for gauging the space of brick courses evenly in a given height to insure uniform thicknesses of mortar. It has vertical figures and 8ths and 16ths inch graduations on one side and brick spacing scales on the other. The figures 1, 2, 3, etc., indicate different spacing scales, there are ten in all. Easy to understand directions are packed with each rule.

Nickel silver concealed joints, and strike plates, 6 inch folds, ⅝ inches wide.

No. 167 6 ft. White **$1.85** Each

Application of 167 Brick Mas Rule.

Stanley Engineers "Zig Zag" Rules



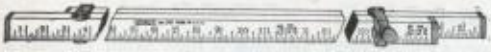
No. 816. Engineers' Rule.

Graduated 10ths and 100ths of a on one side and inches and 16ths on other in tape style, the foot numera repeated in red at each inch. The gineers scale is identified by a red along the outside of rule.

A valuable rule for engineers, ar tects, road builders and others who decimal measurements. Durable, b plated rivet joints; 6 inch folds, inches wide.

No. 816 6 ft. White **$1.60** E

Special Stanley Rules



No. 510.

Extension Stick

Two-section sliding rule, for measuring from floor to ceiling, across large openings, etc. When extended to the required length, the sections can be secu by tightening the set screws. Selec hard maple, 1 inch wide. Brass tips brass plated clamps. Graduated in 8 of inches.

No. 510 5 to 10 ft. **$10.20** E

STANLEY BOXWOOD RULES

Made of selected Boxwood, a tropical, close grained wood, carefully seasoned to minimize warping and shrinking. Fitted with strong, extra heavy brass joints. Accurate, easy-to-read graduations and figures.

Two Foot—Four Fold

No. 68. A genuine Boxwood Rule at a low price. Vertical numerals for left to right or right to left reading. Round joint. Middle Plates. Graduated 8ths and 16ths. Each **$0.70**

No. 27. Made of maple (not boxwood), otherwise similar to No. 68. Each **$0.45**

No. 61. One of our most popular medium priced rules. Vertical marking. Strong square joint. Middle plates. Graduated 8ths and 16ths. Brass tips. Each **$1.10**

No. 63. Boxwood Rule with clearly printed numerals and markings. Graduated 8ths, 10ths, 12ths, 16ths and drafting scales. Square joint. Brass tips. Each **$0.75**

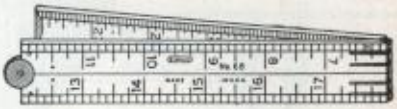
Three Foot Rules

No. 66½. A big seller. Strong Square Joint. Middle plates. 1 inch wide. Graduated 8ths and 16ths. Brass tips. Each **$1.30**

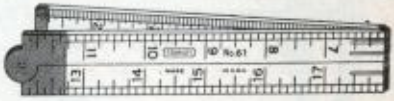
Measuring Stick

Made from selected hard maple with ends protected with brass tips. Graduated both edges on both sides—one side in 8ths of inches, other side in 16ths of inches. Useful for bench or table work, and often more useful than a yard stick. Stick, 1½ x ¼ in.

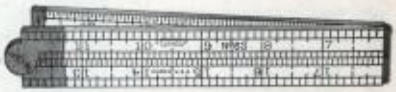
No. 71 4 ft. **$2.40** Each



No. 68. 2 Ft.—4 Folds
Round Joint—Vertical Markings.



No. 61. 2 Ft.—4 Folds
Strong Square Joint—Vertical Markings.

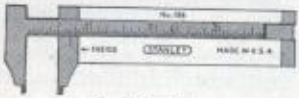


No. 63. 2 Ft.—4 Folds
Strong Joints.

No. 66½. 3 Ft.—4 Folds.

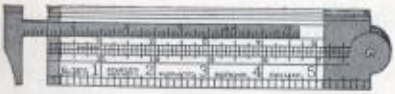
No. 71. Measuring Stick.

STANLEY BOXWOOD CALIPER RULES



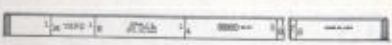
No. 136. 4 In.
Inside and Outside Caliper.

No. 136½.
Inside and Outside Caliper.



No. 36½. 1 Ft.—2 Folds.

No. 34¼V. Bench Rule.



No. 41. Yard Stick.

For Inside and Outside Calipe

Brass Caliper accurately gradu
by 16ths and 32nds. Head is mach
for inside and outside calipering.

No. 136. Caliper capacity—
diameter from 3/16" to 3¼"; ou
diameters of rounds up to 1⅞"; o
all width or lengths up to 3¼"
long, 1⅜" wide. Each $

No. 136½. Caliper capacity—
diameters from 3/32" to 5"; ou
diameters of rounds up to 3"; ov
width or lengths up to 5". 5⅞"
1 1/16" wide. Each $

Caliper Rules

All have a brass caliper slide a
rately graduated in 16ths and 32
Regularly made with caliper
hand.

No. 36½. One of our best sel
1' long, 2 folds, 1⅜" wide. Str
square joint. Graduated 8ths, 10
12ths, 16ths and 32nds. Both side
caliper graduated in 32nds, can be
nished in 16ths if desired.

No.	
36½R—Right Hand Caliper	$2
36½L—Left Hand Caliper	2

Shop Bench Rules

Vertical figures—easy to read in
position. Graduated on one side
8ths of inches from left to right; o
side in 16ths from right to left.
protected by brass tips.

No.	Size	Wood	
34¼V	1 ft. x 1⅛ in.	Maple	$1
34V	2 ft. x 1¼ in.	Maple	1

Yard Sticks—Highest Quality

Graduated 8ths of inches on one
and fractions of yards on the othe

No.		Width	
41	Maple, Brass Tips	1 in.	$1

LEVELS

Questions and Answers on Stanley Levels

Q. Which is better, an adjustable or non-adjustable le

A. Those who want the best, will generally choose an justable level. If, due to extreme atmospheric co tions or to bumps, the level should be thrown ou true, the owner can adjust the glasses. It is easie replace a broken glass in an adjustable level. glasses in the non-adjustable levels are set solid plaster and will stay accurate under favorable co tions. In as much as they are set solid unneces tampering is discouraged.

Q. Why do you make Aluminum, Iron, Hardwood and Light Wood Levels?

A. All of these Levels have certain distinct advantages. Aluminum Levels are light in weight; they will not warp; and they will not rust. Iron Levels withstand more abuse and hold their shape better than either Wood or Aluminum Levels. Hardwood levels are never cold to the touch, are sturdy and durable, and take a beautiful finish. Light Wood Levels are light in weight and easy to handle, and have heavy glass covers which protect the glasses.

Q. Why do some Levels have six glasses?

A. Levels with six glasses are more convenient to use. One or more glasses are always in position no matter how the Level is picked up. Even if one or more glasses are broken the Level can still be used.

Q. What is the advantage of M Tips and Metal Bindings or Level?

A. Metal Tips protect the ends of Level from splitting or splinter and permit sealing the ends wit waterproof solution. A Metal Bi ing on all edges protects the w from damage and lengthens the of the Level.

Q. What are Proved Glasses and th advantages? Ground Glasses?

A. Proved Glasses are made from gl tubing and are slightly bent so t the high point is exactly in the m dle. The bubble in these glas settles quickly but with sufficient curacy for carpenters, and maso work.

Ground Glasses are made of gl tubing, straight on the outside, w the inside ground barrel shape that the high point is the cent

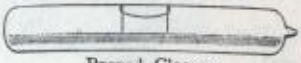
The bubble works slower but is extremely accurate. Ground Glasses are used in machinists' and millwrights' levels, in surveyor's instruments, etc.

Q. What length Level shall I buy?

A. Choose the longest one convenient for your work. Most artisans have more than one size.

Q. Why are Stanley Levels superior in quality?

A. The stock for Stanley Wood Levels is bought long before use so that it can be properly air seasoned and kiln dried. Only straight grain wood, free of blemishes and imperfections is used. These precautions together with a special process of sealing the wood against moisture protects them against warping. All level glasses are carefully inspected and tested for value or speed of bubble. When they are assembled only glasses that match in value are used. The markings are burned indelibly in the glass. Other special features that insure quality in Stanley Levels are mentioned on the pages that follow.
You can depend on Stanley Levels.



Proved Glasses

Ground Glasses

Stanley Level Glasses

No. 208 "Proved" Clear Fluid

No. 218 Cat's Eye

These glasses are arch shaped and the bubble settles quickly. They are made of extra thick tubing and the high point is marked by two heavy, indelible black lines, which are burned on. No. 218 "Cat's Eye" Glass has an Amber dyed fluid.

Lgt.	Diam.	Each	Lgt.	Diam.	Each
1"	10/32"	**$0.10**	2¼"	10/32"	**$0.15**
1¼"	10/32"	**.10**	2½"	12/32"	**.15**
1½"	11/32"	**.10**	3"	12/32"	**.15**
1¾"	11/32"	**.15**			
2"	11/32"	**.15**			

No. 209 "Ground"

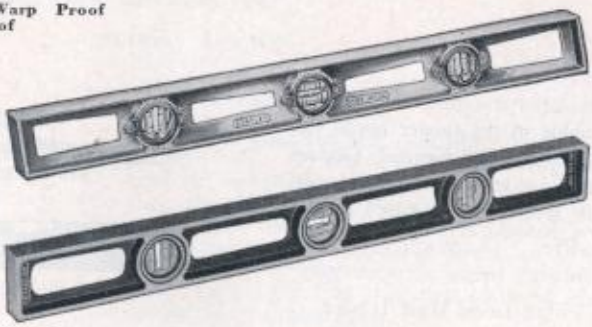
They are straight on the outside and are ground barrel shape on the inside. The bubble is very sensitive. Marked with etched lines filled in with black paint.

Lgt.	Diam.	Each	Lgt.	Diam.	Each
1"	11/32"	**$0.50**	2"	12/32"	**$0.80**
1¼"	12/32"	**.60**	2½"	12/32"	**.90**
1½"	11/32"	**.70**	3"	14/32"	**1.25**
1¾"	11/32"	**.70**			

Strong — Rigid — Warp Proof
Rust Proof

"100 Plus"
No.
233

No.
313



Stanley Aluminum Levels

Strong—Rigid—Warp-Proof—Rust-Proof

Aluminum makes them light, rust-proof and warp-proof; Stanley's patented t construction makes them strong and rigid. This truss construction—similar to br construction—puts extra metal around the glasses and at places that receive grea strain. The tops, bottoms and ends are milled to insure perfectly parallel surf

Fitted with accurate clear fluid glasses, protected by heavy glass covers. Rec mended for use by carpenters and builders.

Light in Weight and Easy to Handle

"100 Plus"*—Fully Adjustable

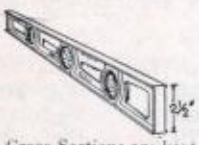
De Luxe Level with these outstanding features: glasses fully adjustable at any point in the circle, e set for 30°, 45° or any other angle desired, or for degre pitch to the foot. Level cases dust-tight and water-t Case adjustment protected by fixed cover plate so that gla remain true against accidental blows. Level case parts e replaceable for repairs. Instructions for adjusting gla packed with each level. Cross section 2 7/16" x 1 1/16".

No.		
233	24 in. long	**$9**
	28 in. long	**9**

Non-Adjustable Glasses

Protecting glass covers are held in place by rubber gas —make replacement of glasses easy when broken.

12 in. size has 4 glasses (1 double level and 1 plumb) in. size has 4 glasses (2 single plumbs and 1 double lev 24 and 28 in. sizes have 6 glasses (2 double plumbs ar double level). The 12 in. size has a grooved bottom leveling pipe, shafting, etc.

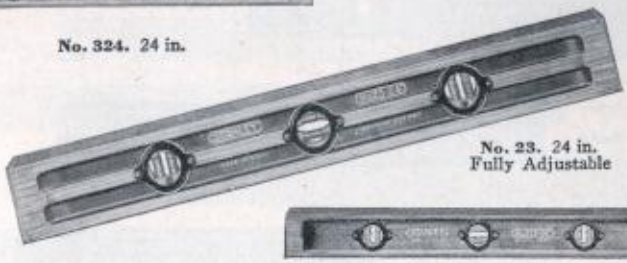


Cross Sections are kept narrow for Lightness and Easy Handling

No.	Length	Cross Section	Each	Length	Cross Section	E
313	12 in.	2 5/32x7/8 in.	**$4.80**	24 in.	2¼x1 in.	**$6**
	18 in.	2 3/32x 1 in.	**5.75**	28 in.	2 3/16x1 in.	**6**

* Registered U. S. Pat. O

No. 324. 24 in.



No. 23. 24 in.
Fully Adjustable

No. 323. 24 in.

Stanley Wood Levels

Seasoned, kiln dried cherry wood, sealed against moisture and highly polished. The gasket-sealed protector glasses are held in place with metal frames which can readily be removed for replacement of protector glasses. Cat's Eye glasses.

Fully Adjustable

Stock—2¾ in. x 1 1/16 in.

Six glasses are fully adjustable in pairs at any point in the circle. Easily set for 30°, 45°, 60° or any other angle desired, or for degree of pitch to the foot. Glasses are adjustable individually when degree of pitch is less than 2 in. to the foot. Dust-tight and water-tight cases. Case adjustment protected by fixed cover plate so that glasses remain true against accidental blows. Level case parts replaceable for repair, may be ordered as a complete unit or separately. Brass Tips. Instructions for adjusting level glasses packed with each Level.

No.		Each
23	24 in.	**$7.50**

Non-Adjustable

Stock—2½ in. x 1 3/16 in.

High quality Levels, made of cherry, with the fine features and workmanship that characterize Stanley Tools.

Six Glasses

Two double plumbs and one double level.

No.		Each
323	24 in.	**$6.00**

Four Glasses

Two single plumbs and one double level.

No.	Length	Each
324	18 in.	**$4.50**
	24 in.	**4.80**

No. 3

No. 0

No. 104

Stanley Hardwood Levels

Our most popular carpenters' levels. They are made from seasoned cherry, against moisture, and highly finished. Proved Cat's Eye Glasses. Made in a of sizes to meet all woodworkers' requirements.

Plumb and Level Non-Adjustable

Stock—2⅜ in. x 1 1/16 in.

No.		Each
104	12 in. long	**$2.40**
	14 in. long	**2.40**
	16 in. long	**2.50**
	18 in. long	**2.70**
	24 in. long	**2.90**

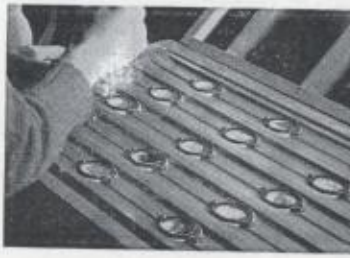
Stock—2¾ in. x 1 3/16 in.

No.		Each
0	18 in. long	**$3.35**
	24 in. long	**3.50**
	26 in. long	**3.60**
	28 in. long	**3.75**
	30 in. long	**4.00**

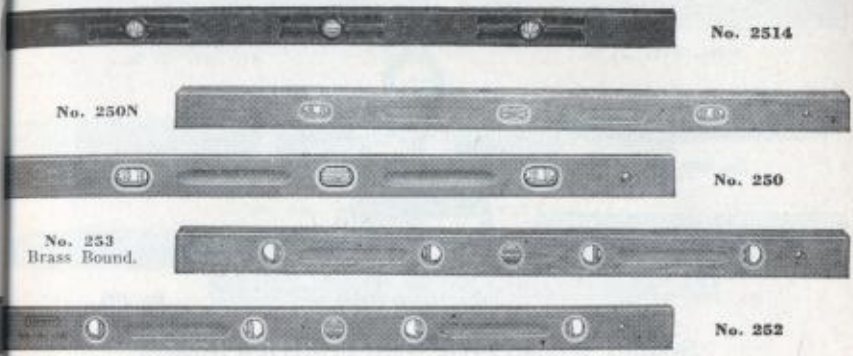
Plumb and Level Adjustable—Brass Tips

Stock—2¾ in. x 1 3/16 in.

No.	
3	24 in. long
	26 in. long
	28 in. long



Driving screws to hold cover and level glass assembly in fixed tion on No. 23 Levels.



Stanley Masons' Wood Levels with Clear Fluid Glasses

Levels are accurate and have the many refinements necessary for masons. All have six "matched" proved glasses (two double plumbs and one double level) except Nos. 252, 253 and 254 which have four single plumbs and one double level. Glasses marked with clean, indelible black lines. Heavy protecting glass windows. Seasoned straight grain wood, thoroughly kiln dried and sealed against moisture. Hang hole in one end with brass bushing. Beautifully finished.

Mahogany—Stock 2 7/16" x 1 3/16"

Fully adjustable glasses. Brass tips.

No.		Each
2514	48 in.	**$10.50**

Non-Adjustable Brass Bound

2513	48 in.	**$15.25**

Sugar Pine—Stock 2 7/16" x 1 3/16"

Not Bound

No.		Length	Each
250N	Walnut Finish	48 in.	**$10.00**
250	Red Finish	48 in.	**10.00**

Sugar Pine—Stock 2 7/16" x 1 3/16"

Brass Bound

No.		Length	Each
2512	Walnut Finish	48 in.	**$14.70**

Not Bound

252	Red Finish	48 in.	**$8.30**
254	Red Finish and Brass Tips	48 in.	**9.25**

Brass Bound

253	Walnut Finish	48 in.	**$13.90**

Stanley Masons' Magnesium Level—Lighter Than Aluminum

An extra tough 48 inch level. Made from extruded I-beam magnesium—⅓ lighter than aluminum. Replaceable vial units. Six glasses—two double plumbs, one double level.

No.	Size (in.)	Each
255	1⅛ x 2⅝ x 48	**$12.50**

No. 347. 24 in.

No. 257. 24 in.

No. 259

No. 138
Level Sights

No. 264. Alumin

No. 107. 12 in.

No. 260

Stanley Wood Levels With Protected Glasses

Highly accurate. The last word in level design. They are made from thor seasoned wood, sealed and weatherproofed. The "matched" proved glasses solid in plaster. Heavy glass covers protect the vials and keep out dust and m All have "Hand-y" grips and a hang hole in one end.

Sugar Pine

Two Glasses—Stock 2½ in. x 1⅛ in. Natural finish with red trim. Cat's Eye Glasses.

No. 347	18 in. long	Each **$2.90**
	24 in. long	**3.30**

Four Glasses—Stock 2½ in. x 1⅛ in. Natural finish with red trim. Cat's Eye Glasses.

No. 257	24 in. long	Each **$3.70**
	28 in long	**3.90**

Hardwood

Proved Glasses — One plumb, one level, kiln dried hardwood, natural finish.

No. 107 12 in. **$1.15** Each

Level Sights

Used with a level as an inexpensive substitute for surveyors' instruments for leveling and aligning walls, running grades, fences, etc.

Made of brass and finished in black.

No.		Per Pair
138	For Wood and Metal Levels	**$1.97**

Torpedo Levels

Accurate, handy-size Stanley for mechanics, inspectors, hobbyi householders. Their tapered sha small size make them handy levels. Size: 9 in. x 1¼ in. x ¾ in Eye glasses set solidly in plaster. face plates.

No.	
259	Domestic hardwood. Two glasses, plumb and level
260	Gonzalvo Alves hardwood. Three glasses, plumb, level and mitre

Aluminum Torpedo Level

Die-cast, lightweight. Handy p level for all mechanics and for use. Three glasses—plumb, level, mitre. Size: 9 in. x 1¼ in. x ⅝

No. 264 Three Glasses **$2.50**

No. 34V. 6 in. Machinists' Level

No. 34V. End View

No. 36. 18 in. Iron Plumb and Level.

No. 37G. 18 in. Iron Plumb and Level

Stanley Iron and Aluminum Levels

Strong castings of special construction insure lightness, strength and rigidity. Tops and bottoms are milled and wet ground to make absolutely parallel surfaces. "Eclipse" covers, an outer tube over the glasses, can be turned either to expose the glasses or to completely cover and protect them when not in use. Levels with grooved bottoms are particularly valuable for leveling shafting, pipes, etc.

Machinists' Levels

The adjustable, ground glasses are extra long and of large diameter, making a sensitive and accurate level for machinists' use. Nickel Plated.

No.	Length	Each
34V	4 in.	**$5.50**
	6 in.	**5.80**
	8 in.	**6.50**
	10 in.	**8.50**

Nickel Plated Iron Levels

For plumbers, millwrights, electricians, etc. Adjustable ground glasses. Nickel Plated. Made only with Grooved Bottoms.

No.		Each
37G	12 in. long	**$10.35**
	18 in. long	**11.35**
	24 in. long	**12.35**

Japanned Iron Plumbs and Levels

Recommended for carpenters, plumbers, millwrights, electricians, etc. Adjustable, proved glasses. Japanned finish with Nickel Plated trim.

Length	No. 36 Smooth Bottom Each	No. 36G Grooved Bottom Each
6 in.	**$6.40**	**$6.70**
9 in.	**6.80**	**7.10**
12 in.	**7.20**	**7.50**
18 in.	**8.45**	**8.75**
24 in.	**9.30**	**9.60**

No. 38½. Machinists' Level

No. 38. Oil Burner Level

No. 187. Line Level

No. 181. Camera Levels No. 183.

No. 188. Pocket Level With C

No. 31. Hexagon Pocket Level

Stanley Special Levels

Iron Machinists' Levels

Popular with machinists, also used extensively to level range oil burners. Proved "Cat's eye" glass set in plaster. Top plate is fastened independently of glass. Nickel plated.

No.		Each
38½	4 in. long	**$2.05**
39½	6 in. long	**2.59**

Iron Oil Burner Level

For leveling range oil burners and for other jobs where a 6 inch level can be used. Proved glass set in plaster. Base lacquered orange, top plate nickel plated.

No.		Each
38	6 in. long	**$1.25**

Line and Surface Level

An exceptionally light level that can be used on a line to determine grades, to lay foundations, pipe and brick, to trim hedges, etc. Proved Cat's Eye glass set in plaster. Hexagonal Aluminum case is convenient for surface leveling. Patented Hooks made so level will not shake off line. Weighs less than ½ oz.

No.		Each
187	3¼ in. long	**$0.75**

Camera Levels

Especially valuable on camera used extensively to level clocks, ments and small work. Proved Grey iron cases, japanned.

No.	
181	Two glasses. "L" shape, siz 1¼ in. x 1¼ in.
182	Two glasses. "Y" shape, siz 1⅜ in. x 1 in.
183	One glass. Level size 1 in x ¾ in.

Pocket Level with Clip

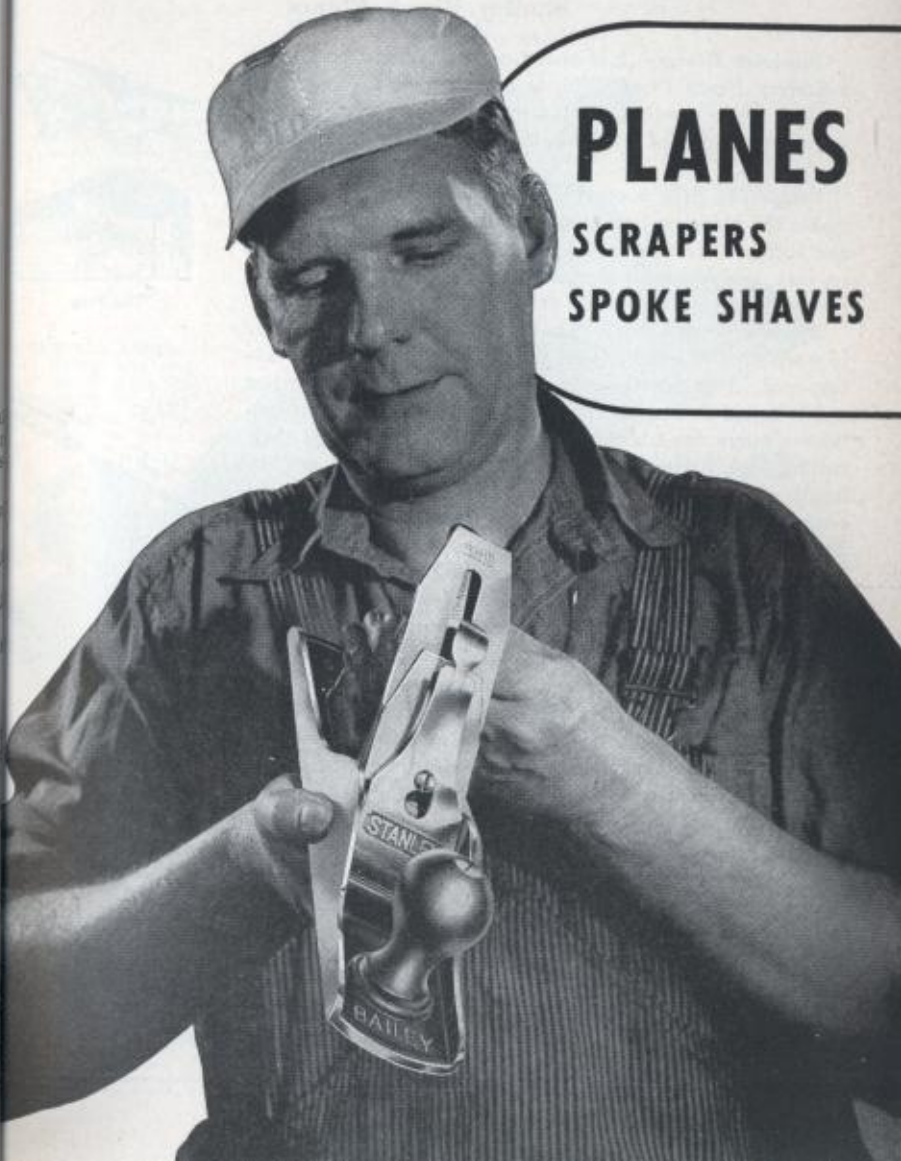
Proved level glass set permane plaster. Anodized aluminum cas machined flats for accuracy. Su pocket clip.

No.	Length
188	5 in.

Hexagon Pocket Levels

Handy to carry and accurate for all ordinary work. Proved gl in plaster. Brass case, nickel pla

No.	Length
31	2 in.
	2½ in.
	3 in.
	3½ in.


PLANES
SCRAPERS
SPOKE SHAVES
STANLEY
BAILEY

Stanley Bench Planes

Superior Design—It is easier to plane and fit a board with a Stanley Bench Plane. This is due, in part, to the perfect balance which results from the proper placing of the cutter, the right position of the knob, and the shape and position of the handle.

Frog—The Frog support directly at the rear of the mouth makes the plane practically one solid piece. The Plane sides and bottom are strengthened by cross ribs. The screw bosses on each side of the center rib are very deep, allowing many threads to engage so that the frog is securely held in place.

Plane Iron or Cutter—The Stanley Plane Iron or Cutter is made from the finest steel available for this type of cutting tool. Steel for the cutters is made to our specification and is tested in our laboratories before it is used in production. Cutters are laboratory-tested for ability to hold their cutting edge, fineness of temper, quality of hardness and for length of service to be expected. These and other tests are conducted to make certain that Stanley Plane Irons, like Stanley Planes, are the finest available.

The Cutter Cap gives extra stiffness to the cutting edge and eliminates any tendency to chatter. It also turns the shaving in such a way that it prevents splintering the surface of the wood when cutting against the grain.

Adjustments—The finest adjustments can be made and held. Up and down adjustments are made by the large thumb nut and lever (B). The sidewise adjustments are made by a lever (A) and a compensating roller. Adjustment of the frog to obtain different widths of mouth can be made with Screw (C).

Lever Cap—The Lever Cap holds the Cutter securely in position and prevents any chattering. Notice the new pear shaped hole which overcomes any tendency of the Lever Cap to loosen when the cutter is adjusted.

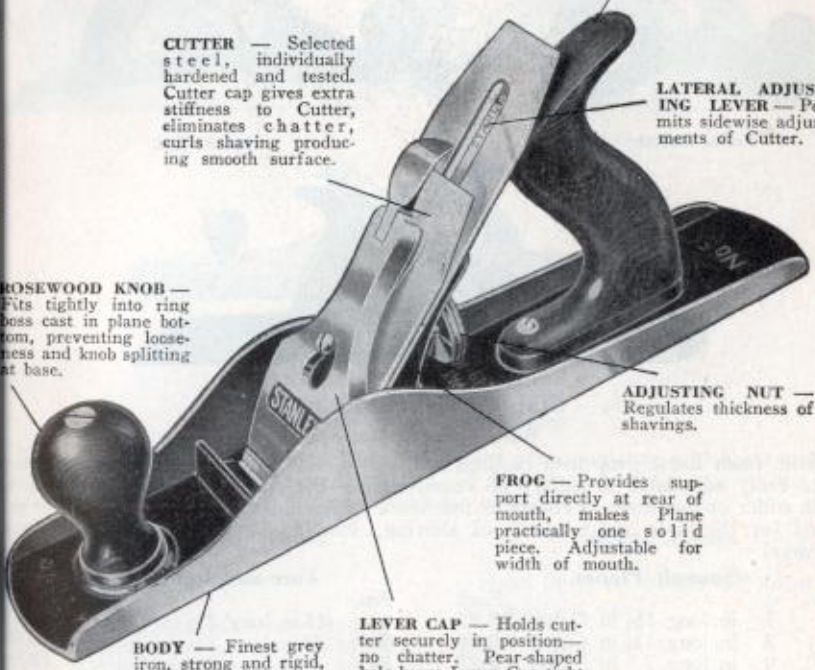
Knobs and Handle—Are made of rosewood. They fit the hand naturally and comfortably. The Knob fits in a ring boss cast in the plane bottom. This practically eliminates any possibility of the knob splitting at the base.

The Frog

The Cutter and Cutter

Adjustments

The Lever C



ROSEWOOD HANDLE — Shaped to fit the hand naturally and comfortably.

CUTTER — Selected steel, individually hardened and tested. Cutter cap gives extra stiffness to Cutter, eliminates chatter, curls shaving producing smooth surface.

LATERAL ADJUSTING LEVER — Permits sidewise adjustments of Cutter.

ROSEWOOD KNOB — Fits tightly into ring boss cast in plane bottom, preventing looseness and knob splitting at base.

ADJUSTING NUT — Regulates thickness of shavings.

FROG — Provides support directly at rear of mouth, makes Plane practically one solid piece. Adjustable for width of mouth.

LEVER CAP — Holds cutter securely in position—no chatter. Pear-shaped hole keeps Lever Cap tight when Cutter is adjusted.

BODY — Finest grey iron, strong and rigid, milled and ground straight and true.

ORLD'S MOST POPULAR PLANE . . .

1869 . . . more than 70 years ago . . . e first Stanley Iron Bench Plane was oduced. First bench plane to be made iron, it was accepted as an outstand- g advance in plane construction.

Through all these years Stanley lanes have been constantly improved nd refined. Better materials have been uickly adopted as they were discovered. he design of the various parts and the elation of these parts, one to another, the finished tool gives Stanley Planes their well-known balance—a feeling in the hands of the user which has never been successfuly duplicated.

These are the reasons why carpenters, patternmakers and cabinet makers—the men whose livelihood depends upon their skill with tools; school shop instructors —the men who teach woodworking; and home craftsmen—to whom the use of fine tools is a favorite recreation . . . invariably choose Stanley Planes for their work.

No. 4. Smooth

No. 5. Jack

No. 6. Fore

Stanley Bench Planes

With Smooth Bottoms

Made from finest grey iron castings with sides and bottom machined smoot true. Fully adjustable to satisfy all requirements—the opening of the mouth c made wider or narrower as coarse or fine work may require, and the cutter can justed for thickness and evenness of shaving. Handles and Knobs are made rosewood.

Smooth Planes

No.			Each
2	7	in. long, 1⅝ in. Cutter	**$8.25**
3	8	in. long, 1¾ in. Cutter	**8.00**
4	9	in. long, 2 in. Cutter	**8.25**
4½	10	in. long, 2⅜ in. Cutter	**10.10**

Jack Planes

No. 5¼ Plane is recommended especially for school shops.

Did you know that "Jack" Plane is short for "Jackass" Plane; an appropriate name for the Plane that is used for the hardest and roughest kind of work.

No.			Each
5	14	in. long, 2 in. Cutter	**$9.00**
5¼	11½	in. long, 1¾ in. Cutter	**8.60**
5½	15	in. long, 2⅜ in. Cutter	**12.15**

Fore and Jointer Planes

No.		
6	18 in. long, 2⅜ in. Cutter	$
7	22 in. long, 2⅜ in. Cutter	
8	24 in. long, 2⅝ in. Cutter	

Construction Explained on Opposite Page

Repair Parts on Pages 185 and 186

No. 4C. Smooth

No. 5C. Jack

No. 7C. Jointer

Stanley Bench Planes

With Corrugated Bottoms

These Planes are made exactly like those on the preceding page with the exception that the bottoms are ribbed or corrugated. Some workmen are of the opinion that corrugated bottom Planes slide easier on resinous woods.

Fore and Jointer Planes

For finishing large surfaces.

No.		Each
13.6C	18 in. long, 2⅛ in Cutter	**$14.00**
16.7C	22 in. long, 2⅜ in. Cutter	**17.10**
18.8C	24 in. long, 2⅝ in. Cutter	**19.20**

Construction of Bench Planes

The frog is so fastened to the "heel" and "toe" supports, that it is as rigid and free from vibration as if it were cast in the bed of the Plane. The Cutter is supported right down to the heel of the bevel—no chance of chatter.

To regulate the width of the mouth remove the lever cap and cutter, and loosen the two screws which hold the Frog. Turn the center adjusting screw as required. Tighten the frog screws and replace the cutter and lever.

Smooth Planes

Short finely set Planes for smoothing and finishing work.

No.		Each
3C	8 in. long, 1¾ in. Cutter	**$8.20**
4C	9 in. long, 2 in. Cutter	**8.45**
4½C	10 in. long, 2⅛ in. Cutter	**10.35**

Jack Planes

Used to true the edges of a board as it comes from the saw.

No.		Each
5C	14 in. long, 2 in. Cutter	**$9.20**
5½C	15 in. long, 2⅜ in. Cutter	**12.35**

Repair Parts on Pages 185 and 186

It is easier to plane a long edge straight with a long plane than with a short one. A lon bridges the low parts and does not cut them until the high spots are removed.

The types of Bench Planes are:

Smooth Plane (7 inches to 10 inches long) gives a very smooth surface.

Junior Jack Plane (11½ inches long) an intermediate size for school shop use.

Jack Plane (14 inches and 15 inches long) is used to true up the edges of a board as it come the saw, and for rapidly preparing the surface for the Smooth Plane.

Fore Plane (18 inches long) is simply a short Jointer Plane.

Jointer Plane (22 inches to 24 inches long) is for long work and for obtaining a true surfac joining two boards.

To Cut a Smooth Straight Ed Plane is pushed with the grain.

To Keep the Plane Straight pres on the knob at the beginning of the and on the handle at the end of the Avoid dropping the Plane as shown dotted line.

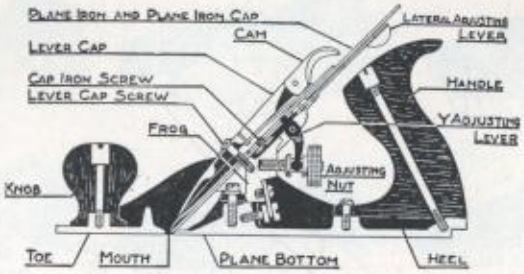
To Obtain a Smooth Surface plane with the grain. If the grain is cross or curly, set the Plane Iron Cap as near the cutting edge as possible and adjust the Plane Iron to take a very thin, even shaving.

To Start Planning take an easy but firm position directly back of the work.

Hold the Plane square with the work face of the work.

At the end of the stroke the weight of the body should be carried easily, on the left foot.

Plane End Grain half way from each If the Plane is pushed all the way the co will break.



To Put the Plane Together

Lay the Plane Iron, bevel side down, on the Frog. Be sure the Roller on the Lateral Adjusting Lever, the end of the Y Adjusting Lever, and the Head of the Plane Iron Cap Screw are correctly seated.

Slip the Lever Cap under the Lever Cap Screw and press down the Cam. If the Cam will not snap in place easily, slightly loosen the Lever Cap Screw. If the Plane Iron is not firmly held when the Cam is in place, slightly tighten the Lever Cap Screw.

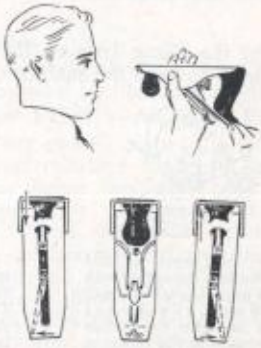
To Adjust for Thickness of Shaving

Sight along the bottom of the Plane and turn the Adjusting Nut until the cutting edge projects about the thickness of a hair.

The Plane Iron is pushed out when the Adjusting Nut moves out toward the Handle and drawn in when the Adjusting Nut moves inward the Frog.

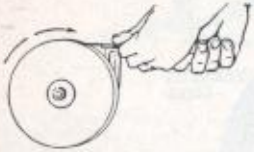
To Adjust for Evenness of Shaving

Sight along the bottom of the Plane and move the Lateral Adjusting Lever toward the Right or the Left.



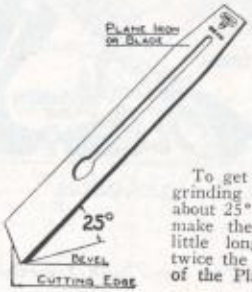
Knob, Lever Cap and Plane Iron Cap removed to show the action of the Lateral Adjusting Lever.

Grinding



The grindstone should turn toward the Plane Iron. Use the guide to assure a flat even bevel.

Keep the Plane Iron cool to prevent burning by frequently dipping it in water. Stones running in water or oil are preferable.

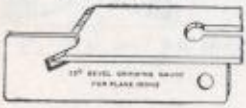


To get the right grinding angle—about 25° to 30°—make the bevel a little longer than twice the thickness of the Plane Iron.

Move the Pl
from side to side
full width of b
to keep wheel t

The edge sl
straight and a
right angles to
of the Plane Ir

Check the Bevel on Plane Irons With Bevel Grinding Gauge No. 149



By inserting a plane iron in this gauge you can quickly tell if it has been ground to the correct bevel. Stainless steel.
2⅞ inches long. **$0.15 Each**

When to Grind a Plane Iron or Chisel

When the cutting edge is nicked.

When the bevel has been worn down by much whetting.

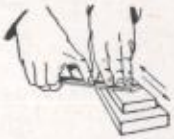
When t
has been
by careles
ting.

Whetting

Whet the Plane Iron on the oil stone to produce a real sharp cutting edg
enough oil to keep the surface of the stone moist. Try to wear the stone evenly

Place the bevel of the Plane Iron on the stone with the back edge slightly raised.

To Keep the Bevel Straight be sure the hands move parallel to the stone so that the angle between the Plane Iron and the stone will stay the same throughout the stroke.



Remove the wire edge by taking a few strokes with the flat side of the Plane Iron held **Flat** on the stone. Avoid even the slightest bevel on this side.

Finish with a few
on a leather strop to
a keener edge.

Do not put a bevel
flat side as it preve
Cap Iron from fitting

Plane marks will sl
on a finished surface
corners of the Plan
are rounded slightly.

No. 9½

No. 9¼

No. 118

No. 18¼

No. 60½

No. 65

Stanley Block Planes

Features and refinements to suit the most exacting woodworker! All, except Nos. 9¼, 18¼ and 118, have an adjustable throat, which permits the mouth to be quickly opened or closed for coarse or fine work. Bottom and sides are ground smooth and true. "Hand-y" grips make it easy to hold the plane.

Regular Block Planes

Cutter rests on its seat at an angle of 20°. Cutter adjustments are provided for regulating evenness and thickness of shavings. No. 18¼ has Steel Knuckle Joint Lever Cap which snaps into position and holds the cutter firmly.

Nos. 9¼ and 18¼ are made without adjustable throat.

Japanned Trimmings

No.		Each
9¼	6 in. long, 1⅝ in. Cutter	$3.60
9½	6 in. long, 1⅝ in. Cutter	4.50
15	7 in. long, 1⅝ in. Cutter	4.80

Nickel Plated Trimmings

No.		Each
18¼	6 in. long, 1⅝ in. Cutter	$4.75

Low Angle Block Planes

With these Planes, the Cutter rests on its seat at an angle of 12°, making it easier to plane across the grain on hard woods. Cutter is adjustable for thickness of shavings.

Japanned Trimmings

No.		Each
60½	6 in. long, 1⅜ in. Cutter	$4.50

Knuckle Joint Lever

Nickel Plated Trimmings

No.		Each
65	7 in. long, 1⅝ in. Cutter	$5.70

"100 PLUS"—All Steel Plane

A "boy-proof" plane! It is practically unbreakable. Made up of three separate units: cap, cutter and bottom complete with adjustment locked in place. Cutter adjustment allows for simple replacement, eliminates thread stripping and cannot be lost once assembled in plane. Lever cap thumb screw not removable; finger rest riveted in position on plane bottom.

No.		Each
118	6 in. long, 1⅝ in. Cutter	$4.75

Repair Parts on Pages 185 and 187

Stanley Block Planes

These tools are recommended for all ordinary work that does not require t plane be frequently adjusted. Bottoms are machined smooth and true. Baked japan finish.

No. 100

No. 100½

No. 102

No. 110

No. 220

NON-ADJUSTABLE

Nos. 100 and 101

Small light planes handy for and ends of light work.

No.		In. Long	In. Cutter
100	Handled	3½	1
101	No Handle	3½	1

Model Makers

Specially designed for model m violin makers, pattern makers, Bottom is curved in both direct ⅞ in. radius on the width and radius on the length.

No.

100½ 3½ in. long, 1 in. Cutter

No. 102

A light serviceable block Grey finish on lever cap.

No.

102 5½ in. long, 1⅜ in. Cutter

No. 110

The most popular of all non-a able block planes. Malleable iron cap. Hardwood knob.

No.

110 7 in. long, 1⅝ in. Cutter

Nos. 203 and 220

Popular planes at an interm price. Cutter is adjustable for thic by means of a steel screw. Bottor sides are milled and ground. Hard knob.

No.

203 5½ in. long, 1⅜ in. Cutter

220 7 in. long, 1⅝ in. Cutter

Repair Parts on Pages 185 and 187

Special Stanley Planes

Bench Rabbet Planes
Malleable Iron Bottoms

To accurately cut a rabbet joint across the grain; to cut and smooth rabbets on hardwood, and for heavy rabbet cuts in mining and construction work. Double iron and "Bailey" adjustments. Rosewood handles and knobs.

Stationary Handle and Knob

No.		Each
10½	9 in. long, 2⅛ in. Cutter	**$13.00**
10	13 in. long, 2⅛ in. Cutter	**14.25**

No. 10

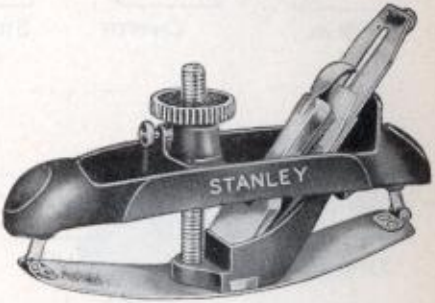
Circular Planes

They have flexible steel bottoms which can be adjusted to plane convex and concave surfaces. The well known Stanley "Bailey" Cutter and Lever Cap construction assure smooth, clean work and eliminate chatter. Cutters are adjustable endwise and sidewise. Minimum radius 20". Japanned frames.

The Face is fastened at each end to the Plane Body and adjusted by a screw at the center.

The Frame provides a good hand hold for both hands.

No.		Each
20	10 in. long, 1¾ in. Cutter	**$19.85**



No. 20

Scrub Planes

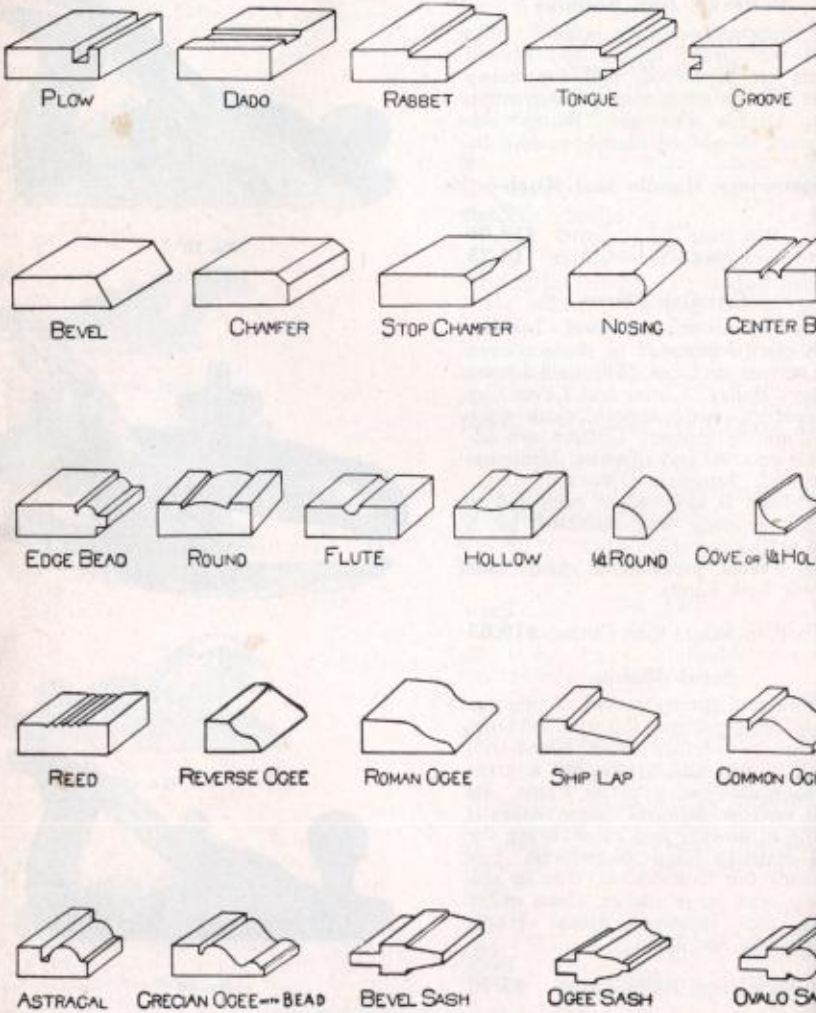
A time and energy saver! When you have to remove quite a bit of wood from the edge or surface of a board—not enough to rip with a saw but a great deal to plane—use a Scrub Plane. Its heavy, narrow, rounded cutter makes it possible to quickly and easily bring the board down to rough dimensions. Use it to back out base boards, true up sub flooring, size large timber, clean gritty boards, etc. Japanned finish. Hardwood handle and knob.

No.		Each
40	9½ in. long, 1¼ in. Cutter	**$5.70**

No. 40

Repair Parts on Pages 185 and 189

Common Cuts in Wood



Stanley Rabbet Planes

Iron Rabbet Planes

These Planes will lie flat on either side. They can be used either right or left hand, to plane into corners or against perpendicular surfaces. Fitted with a Spur and a detachable Depth Gauge. Japanned finish with Nickel Plated trimmings.

No.		Each
190	1½ in. Cutter, 8 in. long	**$5.65**
191	1¼ in. Cutter, 8 in. long	**5.65**
192	1 in. Cutter, 8 in. long	**5.65**

No. 190

Duplex Rabbet Plane

This Plane has two Seats for the Cutter: one for regular work and the other for bull nose work for working close into corners. It is fitted with a Spur and a removable Depth Gauge. The adjustable Fence can be used on either side of the Plane. When used in the rear seat the Cutter is adjustable endwise. Japanned finish with Nickel Plated trimmings.

No.		Each
78	1½ in. Cutter, 8¼ in. long	**$6.30**

No. 78. Rabbet Plane

Rabbet Plane

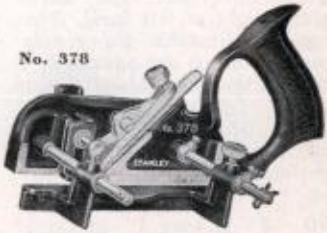
Used to make the rabbet cuts on the sash meeting rail and for all rabbet work within its capacity.

Furnished with a 13/16 in. cutter, a fence with stop collars, a R H and L H Depth Gauge, and a wide Depth Gauge that can be used on either side of the plane for cutters wider than ¾ in.

Cutters—11/16 in., ¾ in., ⅞ in. and 1 in. wide can be furnished for 50¢ each.

No.		Each
378	8 in. long	**$9.30**

No. 378



Repair Parts on Page 190

No. 90. Cabinet Makers'

No. 75. Bull Nose

No. 92. Cabinet Makers' Rabbet

No. 79. Side Rabbet

Stanley Rabbet Planes

Cabinet Makers' Rabbet Planes

Especially valuable when fitting rabbeted shoulders for splices and mortises, and for any fine rabbet work on cabinets, patterns, etc., where accuracy is essential. With the front removed they can be used as chisel planes to remove glue or uneven places in corners.

Sides and bottom are machine ground square to one another so plane will lie flat on either side. They can be worked either right or left hand. Throat opening is adjustable for coarse or fine work. Cutters are adjustable for thickness of shaving. "Hand-y" grip. Nickel plated.

No. 90 is of the bull nose pattern and can be used in corners or other hard to get at places.

No.			Each
90	4 in. long, 1 in. Cutter		**$8.75**
92	5½ in. long, ¾ in. Cutter		**10.35**
93	6½ in. long, 1 in. Cutter		**11.85**

Side Rabbet
Right and Left Hand

For side rabbeting in trimmin
dos, mouldings and grooves of all

They have a reversible nose pi
that they can be worked into co
and are fitted with a depth gauge.

Where these planes are in co
use, it is desirable to have two N
Planes—one set for right hand
and one for left hand work.

Sides and bottoms ground to i
absolute accuracy. Nickel Plated.

No.		
79	5½ in. long, ½ in. Cutter	$

Bull Nose Rabbet Plane

It will work close into corne
other places hard to get at. The n
can be adjusted for coarse or fine
Bottom ground true. Top japanne

No.		
75	4⅛ in. long, 1 1/16 in. Cutter	$

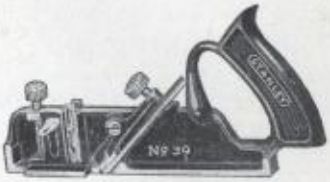
Repair Parts on Page 190

Special Stanley Planes

Dado Planes

They will cut true, even in the narrow widths. The Skew Cutter and two adjustable Spurs assure smooth clean cuts. Fitted with an adjustable Depth Gauge. Japanned. Specify No. 39 and width of cutter.

No.		Each
39	½ in. Cutter, 8 in. long	**$7.75**
39	¾ in. Cutter, 8 in. long	**7.75**



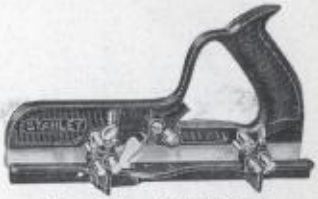
No. 39. Dado

Plow Plane

A plane especially designed for grooving and for all plow work within its capacity. Fitted with a depth gauge and an adjustable fence.

Seven cutters are furnished with the plane—⅛, 5/32, 3/16, 7/32, ¼, 5/16 and ⅜ inches wide.

No.		Each
248A	9½ in. long	**$9.90**



No. 248A. Plow Plane

Special Block Planes

Double End Non-Adjustable

This Plane has two mouths and two cutter seats. Cutter and Lever Cap can be reversed to form a Bull Nose Plane. Bottom and Sides are ground and milled. Rosewood Knob. Japanned Trimmings.

No.		Each
130	8 in. long, 1⅝ in. Cutter	**$4.15**

No. 130

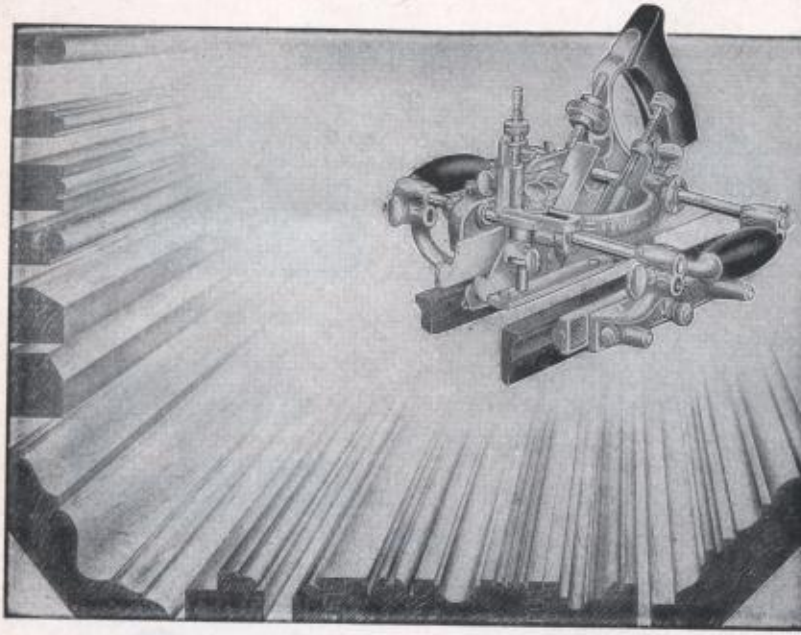
Edge Trimming Block

For trimming or squaring the edge of boards up to ⅞ inch for a square or close fit. The Cutter works on a skew. Japanned.

No.		Each
95	6 in. long, 1 1/16 in. Cutter	**$4.00**

No. 95

Repair Parts on Pages 185, 187 and 190



Stanley "Fifty-Five" Plane

This unique Plane makes it possible for the amateur home craftsmen to produc many decorative effects that enhance any piece of furniture. It is also used by mech to produce mouldings when it is inconvenient or expensive to go to a mill.

This tool is a beading and center beading plane, a plow, dado, rabbet, match, and slitting plane, and a superior moulding plane that will accommodate cutters of al any shape and size.

The samples of work illustrated show some of the mouldings that can be made cutters regularly furnished with this plane.

Its wide range of work will be appreciated when it is considered that, in addition t fifty-five regular cutters and the forty-one special cutters (carried in stock), the p will take practically any form of cutter which the owner can make from blanks or c from sketch. Cutters furnished with plane should be honed before using.

All metal parts are nickel plated. The Handles and Fences are made of Rosew

A booklet "Stanley '55' Plane and How to Use It" is packed with each Plane. Cutters, Attachments and Plane are packed complete in a strong box.

No.	Each
55 with 55 Cutters, weight 15¼ lbs.	**$67.00**

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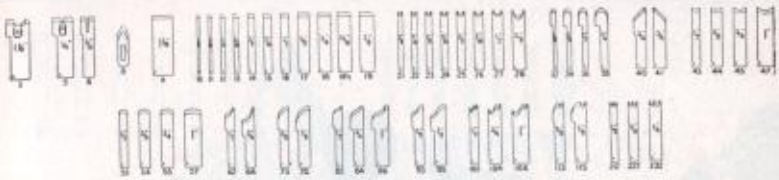


REGULAR CUTTERS FOR "FIFTY-FIVE" PLANE

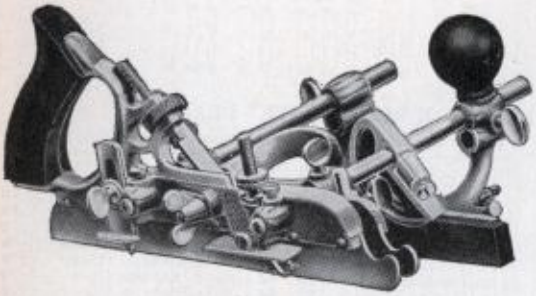
The following cutters are furnished with each Plane. Prices are given in case duplicates are required

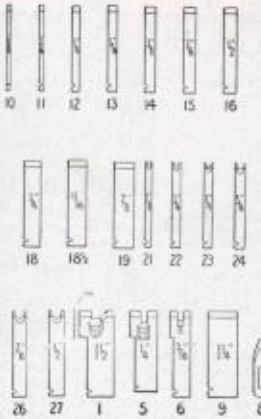
No.	Size	Style	Each	No.	Size	Style	Each	No.	Size	Style	Each
1	1 1/2 in.	Sash Tool	$0.95	23	1/4 in.	Beading Tool	$0.65	57	1 in.	Round	$0.70
5	1/4 in.	Match Tool	.90	24	5/16 in.	Beading Tool	.65	62	1/2 in.	Quarter Hollow	.70
6	3/16 in.	Match Tool	.85	25	3/8 in.	Beading Tool	.65	64	3/4 in.	Quarter Hollow	.70
8		Slitting Tool	.65	26	7/16 in.	Beading Tool	.65	73	5/8 in.	Quarter Round	.70
9		Filletster	.70	27	1/2 in.	Beading Tool	.65	75	7/8 in.	Quarter Round	.70
10	1/8 in.	Plow Tool	.60	28	5/8 in.	Beading Tool	.70	82	1/2 in.	Reverse Ogee	.70
11	3/16 in.	Plow Tool	.60	32	1/4 in.	Fluting Tool	.70	84	3/4 in.	Reverse Ogee	.70
12	1/4 in.	PlowDadoTool	.60	34	3/8 in.	Fluting Tool	.70	86	1 in.	Reverse Ogee	.70
13	5/16 in.	PlowDadoTool	.60	36	1/2 in.	Fluting Tool	.70	93	3/8 in.	Roman Ogee	.70
14	3/8 in.	PlowDadoTool	.65	38	3/4 in.	Fluting Tool	.70	95	7/8 in.	Roman Ogee	.70
15	7/16 in.	PlowDadoTool	.65	40	3/4 in.	ChamferTool	.75	102	1/2 in.	Grecian Ogee	.65
16	1/2 in.	PlowDadoTool	.65	41	3/4 in.	ChamferTool	.75	104	3/4 in.	Grecian Ogee	.70
17	5/8 in.	PlowDadoTool	.65	43	1/2 in.	Hollow	.65	106	1 in.	Grecian Ogee	.70
18	3/4 in.	PlowDadoTool	.65	44	5/8 in.	Hollow	.65	113	5/8 in.	1/4 Rd. with Bead	.70
18 1/2	15/16 in.	PlowDadoTool	.65	45	3/4 in.	Hollow	.65	115	7/8 in.	1/4 Rd. with Bead	.70
19	7/8 in.	PlowDadoTool	.70	47	1 in.	Hollow	.70	212	1/8 in.	Reeding Tl. 2"	.70
21	1/8 in.	Beading Tool	.65	53	1/2 in.	Round	.65	222	3/16 in.	Reeding Tl. 2"	.70
22	3/16 in.	Beading Tool	.65	54	5/8 in.	Round	.65	232	1/4 in.	Reeding Tl. 2"	.70
				55	3/4 in.	Round	.65				

SPECIAL CUTTERS FOR "FIFTY-FIVE" PLANE

These Cutters are carried in stock and may be ordered by number:

No.	Size	Style	Each	No.	Size	Style	Each	No.	Size	Style	Each
2	1 1/2 in.	Sash Tool	$0.95	71	3/8 in.	Quarter Rd.	$0.70	111	3/8 in.	1/4 Rd. with Bead	$0.70
29	3/4 in.	BeadingCutter	.70	72	1/2 in.	Quarter Rd.	.70	112	1/2 in.	1/4 Rd. with Bead	.70
31	3/16 in.	Fluting Tool	.60	74	3/4 in.	Quarter Rd.	.70	114	3/4 in.	1/4 Rd. with Bead	.70
33	5/16 in.	Fluting Tool	.60	76	1 in.	Quarter Rd.	.70	116	1 in.	1/4 Rd. with Bead	.70
35	7/16 in.	Fluting Tool	.60	81	3/8 in.	Reverse Ogee	.70	213	1/8 in.	Reeding Tl. 3 "	.70
37	5/8 in.	Fluting Tool	.70	83	5/8 in.	Reverse Ogee	.70	214	1/8 in.	Reeding Tl. 4 "	.70
42	5/8 in.	Hollow	.70	85	7/8 in.	Reverse Ogee	.70	215	1/8 in.	Reeding Tl. 5 "	.70
46	7/8 in.	Hollow	.70	91	5/8 in.	Roman Ogee	.70	223	3/16 in.	Reeding Tl. 3 "	.70
52	5/8 in.	Round	.70	92	1/2 in.	Roman Ogee	.70	224	3/16 in.	Reeding Tl. 4 "	.70
56	7/8 in.	Round	.70	94	3/4 in.	Roman Ogee	.70	225	3/16 in.	Reeding Tl. 5 "	.70
61	5/8 in.	QuarterHollow	.70	96	1 in.	Roman Ogee	.70	233	1/4 in.	Reeding Tl. 3 "	.70
63	5/8 in.	QuarterHollow	.70	101	3/8 in.	Grecian Ogee	.70	234	1/4 in.	Reeding Tl. 4 "	.70
65	7/8 in.	QuarterHollow	.70	103	5/8 in.	Grecian Ogee	.70	235	1/4 in.	Reeding Tl. 5 "	.70
66	1 in.	QuarterHollow	.70	105	7/8 in.	Grecian Ogee	.70				





Stanley "Forty-Five" Plane

A unique, successful and convenient combination of seven tools in one. With twenty-three cutters furnished with the "45", it can be used as a Beading and Ce Beading Plane, Plow Plane, Dado Plane, Rabbet Plane, Match Plane, Sash Plane, Slitting Plane. With the special cutters, shown on the next page, it can be used beading plane.

When cutting across the grain, adjustable, knife-like spurs precede the main cu and score the wood fibre on both sides of the cut.

All metal parts are Nickel Plated. The Handle, Knob and Fence are selected Rosew Complete, easy to understand, directions are packed with each plane.

No. 45 with 23 cutters, weight 9½ lbs. **$36.65**

Twenty-three Cutters Regularly Supplied with the "45" Plane

Cutters should be honed before using. The price is given in case duplicates sh be required.

No.	Size	Style	Each	No.	Size	Style	E
1	1½ in.	Sash Tool	$0.95	17	⅝ in.	Plow Dado Tool	$0
5	¼ in.	Match Tool	.90	18	¾ in.	Plow Dado Tool	
6	⅜ in.	Match Tool	.85	18½	13/16 in.	Plow Dado Tool	
8		Slitting Tool	.65	19	⅞ in.	Plow Dado Tool	
9	1¼ in.	Filletster	.70	21	⅛ in.	Beading Tool	
10	⅛ in.	Plow Tool	.60	22	3/16 in.	Beading Tool	
11	3/16 in.	Plow Tool	.60	23	¼ in.	Beading Tool	
12	¼ in.	Plow Dado Tool	.60	24	5/16 in.	Beading Tool	
13	5/16 in.	Plow Dado Tool	.60	25	⅜ in.	Beading Tool	
14	⅜ in.	Plow Dado Tool	.65	26	7/16 in.	Beading Tool	
15	7/16 in.	Plow Dado Tool	.65	27	½ in.	Beading Tool	
16	½ in.	Plow Dado Tool	.65				

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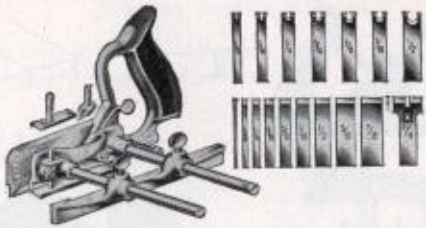
Special Cutters for No. 45 Plane—Next Page →



No. 50. Light Combination Plane

Stanley Light Combination Plane

Used as a plow, dado, beading, matching or rabbet plane. Made of metal and nickel plated; rosewood handle. Fitted with spurs for use across grain, a fence, depth gauge, having deflector, match board beading gauge and lever adjustment.

Seventeen cutters are furnished with plane: 2 plow cutters—⅛, 3/16 in.; 7 plow and dado cutters—¼, 5/16, ⅜, 7/16, ½, ⅝ and ⅞ in. wide; 7 beading cutters—⅛, 3/16, ¼, 5/16, ⅜, 7/16 and ½ in. wide; Match Cutter 1⅛ in. wide.

No. 50 9¼ in. long **$21.60**

Special Cutters for "Forty-Five" Plane

Carried in stock and may be ordered by number

No.	Size	Style	Each	No.	Size	Style	Each
2	1½ in.	Sash Tool	$0.95	212	⅛ in.	Reeding Tool 2 Beads	$0.70
28	⅞ in.	Beading Tool	.70	213	⅛ in.	Reeding Tool 3 Beads	.70
29	¾ in.	Beading Tool	.70	214	⅛ in.	Reeding Tool 4 Beads	.70
31	5/16 in.	Fluting Tool	.60	215	⅛ in.	Reeding Tool 5 Beads	.70
32	¼ in.	Fluting Tool	.60	222	3/16 in.	Reeding Tool 2 Beads	.70
33	5/16 in.	Fluting Tool	.60	223	3/16 in.	Reeding Tool 3 Beads	.70
34	⅜ in.	Fluting Tool	.60	224	3/16 in.	Reeding Tool 4 Beads	.70
35	7/16 in.	Fluting Tool	.60	225	3/16 in.	Reeding Tool 5 Beads	.70
36	½ in.	Fluting Tool	.70	232	¼ in.	Reeding Tool 2 Beads	.70
37	⅝ in.	Fluting Tool	.70	233	¼ in.	Reeding Tool 3 Beads	.70
38	¾ in.	Fluting Tool	.70	234	¼ in.	Reeding Tool 4 Beads	.70
				235	¼ in.	Reeding Tool 5 Beads	.70

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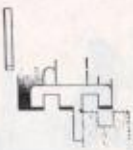
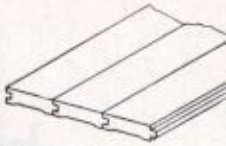
No. 148





Tongue Groove

No. 71. Open Throat Router

No. 271. Small Router

Stanley Tongue and Groove Match Planes

These planes cut a tongue on the edge of one board and a groove in the ed another; when put together the surfaces of the boards come true. The straightn both tongue and groove, and their distance from the surface, is governed by a This fence is so designed that the distance of the groove, from the side the fen gages with, is practically the same as the width of the groove.

Equipped with two cutters, a plow and a tongue tool, both governed by on manent fence. The tongue tool has one edge wider than the other, which over one side when tonguing on center. Both the tongue and groove are cut by wo the tool in the same direction; the Plane is merely reversed end for end.

No.
143 Cuts ¼ in. Groove, on boards ¾ in. to 1 in. Centers on ⅞ in. 9 in. long

Stanley Router Planes

Large Planes

For surfacing the bottom of grooves or other depressions parallel with the su of the work. A wooden bottom of any size can be fastened to the plane botto routing on large openings. ¼ in., ½ in. and a "V" or smoothing cutter are furn with each Plane. The cutters can be held on the front of the cutter post for re work or on the back for bull nose work. Cutters graduated on shank in 16ths fo inch to make depth adjustments more readily. The fences furnished will follow str concave or convex surfaces. Nickel plated body. Maple knobs.

No.
71 Open Throat 7½ in. long

Small Plane

Useful for very narrow work such as inlay work, cutting dados for shelves, l in lock plates, etc. Can be used for either regular or bull-nose work. Nickel p

No.
271 ¼ in. Cutter, 3 in. long

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Stanley Spoke Shaves

Spoke Shaves are used to plane convex and concave edges. All have a black Japanned Finish. Cutters are made of finest steel, correctly tempered and sharpened.

Cutter Cap—Adjustable Cutter

Cutters are fully adjustable. Cutter and cap iron are fastened by a thumb screw which exerts an even pressure on the cutting edge. They can be adjusted without a screw driver. No. 151M is made of malleable iron and is practically unbreakable.

No.	Handle	Length	Cutter	Each
151	Raised	10 in.	2⅛ in.	**$1.80**
151M	Raised	10 in.	2⅛ in.	**2.10**

With Cutter Cap

Similar to the above except that they do not have the adjusting screws.

No.	Handle	Length	Cutter	Each
51	Raised	10 in.	2⅛ in.	**$1.25**

Light—With Cutter Cap

A popular spoke shave for fine work.

No.	Handle	Length	Cutter	Each
64	Straight	9 in.	1¾ in.	**$1.05**

Convex Bottom—Light

For use on concave, curved edges having small sweeps.

No.	Length	Cutter	Each
63	9 in.	1¾ in.	**$1.05**

Two Cutters—Straight Handle

Two cutter seats—one hollow, one straight. Hollow cutter for rounding edges.

No.	Length	Cutter	Each
60	11 in.	1½ in.	**$2.15**

No. 151

No. 51

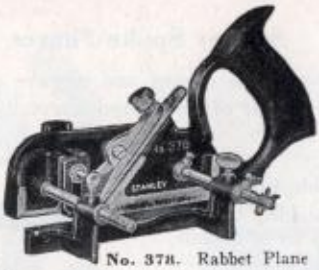
No. 64

No. 63

No. 60

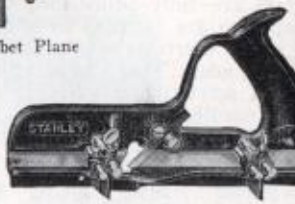
Spoke Shave Irons

No.	Each	No.	Each
51	**$0.35**	**63X**	**$0.32**
52	**.35**	**64**	**.32**
60	**.35**	**151**	**.35**
63	**.32**	**152**	**.35**



No. 378. Rabbet Plane

No. 78. Rabbet Plane



No. 248A. Plow Plane

Stanley Planes for Weatherstrip Work

These are the Stanley Planes which can be used to make rabbet and plow cut the rib, hook and flat strips on practically all types of metal weatherstripping.

Rabbet Plane

Used to make rabbet cuts 3/8 in. wide on the lock jamb and head of a door for weatherstripping. Using the Plane with depth gauge, make a cut 3/4 in. wide first to proper depth. Then adjust Plane and make 3/8 in. cut from edge of door. (See illustration showing rabbet cut on door on opposite page.)

This Plane can also be used for other rabbeting jobs in connection with windows.

No.		Each
78	1½ in. Cutter, 8¼ in. long	**$6.30**

Grooving Plane

A plane especially designed for weatherstrip grooving and for all plow work within their limits. Fitted with a Depth Gauge and an Adjustable Fence.

The following seven cutters are furnished—1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8 inches wide.

No.		Each
248A	7 Cutters, 9½ in. long	**$9.90**

Rabbet Plane

Used to make the rabbet cuts o sash meeting rail and for all r work within its capacity.

Furnished with a 13/16 in. cutt fence with stop collars; a R H L H Depth Gauge, and a wide I Gauge that can be used on either of the plane for cutters wider tha in.

Cutters—11/16 in., 3/4 in., 7/8 in. a in. wide can be furnished for 50¢ No.

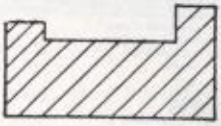
378	8 in. long	$

Other Stanley Tools For Weatherstrip Work

Side Rabbet Plane No. 79, Jo Plane No. 7, Hammer No. 53-7 Prick Punch No. 9B, Pin Punch 647, Square No. 20-6 in., Bit Brace 945, Countersink No. 139, Chisel 50-5/8 in., Nail Set No. 11¾-5/64 Rule No. 106, Screw Driver No. in., Vise No. 700.

Weatherstrip Cuts Made With Stanley Planes

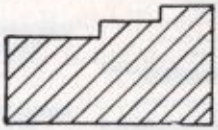
Stanley Weatherstrip Tools make all common and special cuts easily and quickly. The majority of weatherstrip manufacturers recommend them as the most practical tools available.



Meeting Rail Rabbet Cut

Made with Stanley Plane No. 378

Certain types of weatherstripping require two rabbet cuts (as illustrated) whose shoulders bear a definite relation to each other. With Stanley Rabbet Plane No. 378, it is possible to locate the two positions accurately, and to repeat their positions on each sash. Other types of weatherstripping require a single rabbet cut (as illustrated). No. 378 Plane cuts the entire width of this rabbet with one pass.

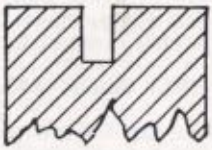


Meeting Rail Rabbet Cuts Made with Plane No. 378

Groove Cut

Made with Stanley Plane No. 248A

The illustration shows a groove cut for the rib of weatherstrip. This cut can be made at any location on the sash to any depth up to 5/8 inches. The seven cutters regularly furnished will cut 3/8, 5/32, 3/16, 7/32, 1/4, 5/16, and 3/8 inch width cuts.

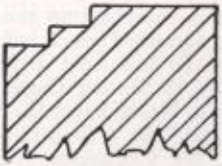


Groove Cut Made with Plane No. 248A

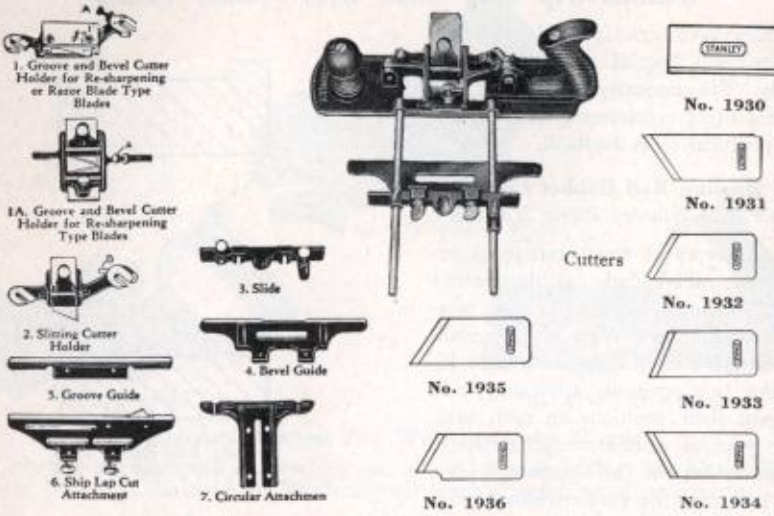
Rabbet Cut on a Door

Made with Stanley Plane No. 78

Installing weatherstripping on the lock jamb and head of a door requires two cuts 3/8 inch wide (as illustrated). Stanley Plane No. 78 makes these cuts either right or left hand, with slight adjustments. This plane can be reversed on the end of a door to prevent the wood from splitting.



Rabbet Cut Made on Door with Plane No. 78



Stanley Fibre Board Cutter

Carpenters, window decorators, home-owners and building maintenance men found these tools excellent for cutting and ornamenting fibre insulating boards.

No. 193A Cutter—$33.00

A complete tool for grooving, beveling, slitting and decorating fibre insulating board. It is equipped with the holders necessary to use Razor Blade Type and Resharpening Type Cutters and to make Ship Lap Cuts, and Circular Cuts.

Bottom is machined to take all attachments furnished which include Nos. 1 and 1A Groove and Bevel Cutter Holder, No. 2 Slitting Cutter Holder, No. 3 Slide, No. 4 Bevel Guide, No. 5 Groove Guide, No. 6 Ship Lap Cut Attachment, No. 7 Circular Attachment, one each of the six different Resharpening Type Cutters and six Razor Blade Type Cutters.

No. 193B Cutter—$16.50

A handy tool to groove, bevel an fiber board. It is composed of the bottom, No. 2 Slitting Cutter H No. 1 Groove and Bevel Cutter H one Slitting Cutter and 4 Razor Type Cutters.

Bottom is machined to take addi attachments shown on this page.

Extra Attachments

Users of Fibre Board Cutters find it to their advantage to own parts—this refers particularly to C Holders Nos. 1, 1A and 2. With holders the operator saves valuabl up time. Prices: No. 1—**$1.50**; 1A—**$2.00**; No. 2—**$1.25**; No. **$0.55**; No. 4—**$0.50**; No. 5—**$** No. 6—**$0.90**; No. 7—**$0.75.**

No. 299. Knife

No. 199. Knife

No. 1995
Blade

No. 1951. Hard Fibre
Board Beveler

No. 194
Fibre Board Beveler

Stanley Trimming Knives and Fibre Board Tools

Razor-Edge Knives

Easy Knives to use when cutting wall board, paper, cardboard, linoleum, auto-top and upholstery materials. Good tools for opening cartons. Handle large enough for firm grip. Protective blade guard packed with each knife.

No. **199** is made from cast aluminum. Furnished with 5 blades in the handle. 6 in. long **$1.50** Each

No. **299** is also made from aluminum, perforated for lightness. Furnished with 5 blades in the handle. 5½ in. long **$1.00** Each

Extra Blades

Pointed razor type blades for knives Nos. 199 and 299. No. 1991 has four notches, No. 1992 has two notches.

No. **1991**	2"	x .017"	5—	**$0.50**
			100—	**7.00**
No. **1992**	2 7/16"	x .025"	5—	**.60**
			100—	**8.00**

Fibre Board Beveler

Cuts chamfers (or bevels) up to ⅜ inch on fibre insulating boards. It will use the same cutters as No. 193 or No. 193A—either razor blade type, or R.H. grooving cutter No. 2.

Hardwood handle. Japanned iron frame. Complete with 6 razor blade type cutters.

No. **194** 8⅜ in. long **$4.65** Each

Hard Board Beveler

Cuts chamfers (or bevels) up to 3/16 inch on Hard or "Tempered" Fibre Board. Red hardwood handle and Knob. Japanned iron frame. Furnished with one heavy steel cutter.

No. **1951** 10½ in. long **$5.80** Each

Carbide Tipped Blade

Used with No. 199 knife to score-cut asphalt, asphalt cement products, abrasive composition siding and roofing materials.

No. **1995** (Blade Only) **$2.00** Each

Extra Cutters for Nos. 193A, 193B, 194 and 1951

No.			
1930	Razor Blade Cutters for Nos. 193A, 193B, 194	25 Blades	**$1.80**
1931	Left Hand Grooving Cutter for Nos. 193A, 193B	Each	**1.20**
1932	Right Hand Grooving Cutter for Nos. 193A, 193B	Each	**1.20**
1933	Slitting Cutter for Nos. 193A, 193B	Each	**1.60**
1934	Left Hand Mitre Cutter for Nos. 193A, 193B	Each	**1.20**
1935	Right Hand Mitre Cutter for Nos. 193A, 193B	Each	**1.20**
1936	Special Right Hand Grooving Cutter for Nos. 193A, 193B	Each	**1.20**
1938	Razor Blade Cutter for No. 1951	Each	**.30**

No. 80. Grey Iron
No. 80M. Malleable Iron

INSTRUCTIONS FOR
ON PAGE 58

No. 82

Stanley Scrapers

Cabinet Scrapers

Double Handle—Grey Iron

The Blade may be sprung to a slight curve by adjusting a thumb screw so that it will cut easier and faster. The raised Handles protect the user's hands. Body and handles are cast in one piece and japanned. Fitted with a highest quality beveled edge blade.

No.		Each
80	2¾ in. blade, 11½ in. long	**$2.90**
Extra Blades		**.62**

Double Handle—Malleable Iron

This Scraper is similar to No. 80, except that it is made of malleable iron, and is practically unbreakable.

No.		Each
80M	2¾ in. blade, 11½ in. long	**$3.10**

No. 282

Single Handle—Adjustabl

For floor work, scraping in co removing paint, etc. A spring i head acts as a cushion and elim all chatter. Furnished with two —one straight blade with beveled one formed two edge blade whic be sharpened with a file. Harc handles. Body japanned.

No.		
82	3 in. blade, 12 in. long	$
Extra Formed Two Edge Blades		
Extra Straight Blades		

Single Handle

Used for all kinds of scraping particularly for scraping floors. Hardwood Handle. Body japanne

No.		
282	3 in. blade, 13 in. long	$
Extra Blades		

Stanley Scrapers and Burnishers

Single Handle Scraper

For removing stencils, paint and varnish, and similar work. The reversible, two-edge blade can be sharpened with a file; no burnishing necessary. A leather pad under the blade prevents chatter. Grey hardwood handle. Body japanned.

No.		Each
292	2½ in. blade, 12½ in. long	**$2.50**
Extra Blades		**.35**

No. 292

Hand Scraper No. 0

Great care is exercised in the selection of steel and heat treatment of these blades, to make them superior tools. Gauge or thickness—.035 of an inch.

Width	Length	Each
2½ in.	5 in.	**$1.05**
3 in.	5 in.	**1.15**
3 in.	6 in.	**1.25**

No. 0

Box Scraper

For removing stencil markings. The Handle is hinged. The bottom of the scraper and the edge of the cutter are convex curved so that the user can scrape clean any uneven surfaces. Grey hardwood handle. Body japanned.

No.		Each
70	2 in. blade, 13 in. long	**$2.59**
Extra Blades		**.50**

No. 70

Scraper Blade Burnishers

Used to turn the edges on Scraper Blades. Blades are forged from finest tool steel and carefully heat treated.

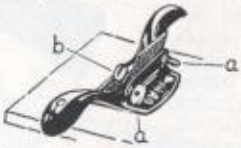
No.		Each
185	4¾ in. round tapered blade	**$1.05**

No. 185

Stanley Cabinet Scraper

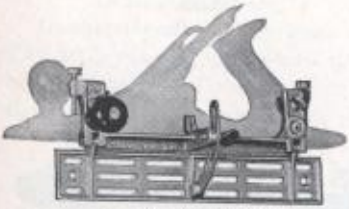
The Cabinet Scraper is used for the final smoothing before sandpapering moves the slight ridges left by the plane. It is also used to smooth surfaces difficult to plane because of curly or irregular grain.

To Adjust and Use the Cabinet Scraper. Loosen the adjusting screw and the clamp screws. Insert the blade from the bottom with the bevel side toward the adjusting screw.



Stand the scraper on a flat board. Press the blade lightly against the wood and at the same time tighten the clamp screws (a a). Bow the blade by tightening the adjusting screw (b).

Try the Scraper an the adjustment until thin even shaving. turned a little to the start a cut. Dust, ins shaving, indicates scraper.



No. 386. Jointer Gauge

Stanley Jointer Gauge

Used with all sizes of metal Jack or Jointer Planes. To plane bevels of any angle, between 30 and 90 degrees or to square up the edges of boards with extreme accuracy. It can be used either right or left hand. A wooden face may be attached to increase the bearing surface of the Gauge.

Nickel Plated. Rosewood Knob.

No.		Each
386	11 in. long	**$7.50**

How to Use Spoke Shave

The spoke shave is usually Care must be exercised to cut w grain of the wood.

The spoke shave is also used to fer around edges.

Sharpen the cutter like a plane

BIT BRACES
HAND and BREAST
DRILLS

Questions and Answers About Bit Braces

Q. Which is the better ratchet mechanism? Concealed or Box Rat

A. They are both good and come only in the higher priced tools. it's largely a matter of personal preference. The Box Ratchet is s than the Concealed Ratchet but the Concealed is amply strong work for which you will ever use it. The Concealed Ratchet, as see, has the mechanism enclosed so no dirt can get in, and it ret lubricant longer.

Q. While we are on the subject of ratchets, how about the Open R

A. Very good, for ordinary work. This ratchet is used on the medium and lower priced Braces. It isn't as strong or as smooth in ac either the Box or Concealed types.

Q. Which jaws are better, Universal, Interlocking or Alligator?

A. **Universal Jaws** are the best for all around work because they w more types and sizes of bits and drills. They are designed and ma specially to hold round shank bits and drills up to and including ½ and taper shanks as large as Clark's No. 2 Expansive Bit.

Interlocking Jaws are used only on the No. 919 Bit Braces an only taper shank bits—any size up to Clark's No. 2 Expansive Bit bit rests in a solid steel socket and the jaws center the bit and from slipping. This is the best Brace for taper shank bits an recommended for carpenters, electricians and school shops.

Spring Alligator Jaws will hold ordinary size taper shank bits a as small and medium size drills.

Pin Alligator Jaws are used on the lower priced braces and wil all ordinary size taper shank bits.

Q. The highest priced Braces have a Ball Bearing Chuck. Is that a feature?

A. It certainly is. Drop a bit in it and tighten it. Now try it on a that hasn't a Ball Bearing Chuck. Did you notice how much easie quicker it was to tighten the bit in the first brace, and how much it was to loosen it. That's your answer, and it holds the bit more fi

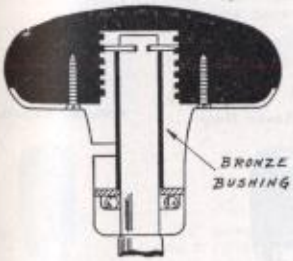
Q. Is a Brace with a Ball Bearing Head better than one without ball bearings?

A. Yes. A Ball Bearing Head will turn easier and last longer. When you are boring a hole you have work enough without having friction in the Brace, too. Even the lower priced Stanley Braces have this feature. The heads on the better Stanley Braces are metal clad to protect them from breakage, and in addition to the ball bearings they have a bronze bushing in the quill of the head which makes a smoother and longer wearing head.

Q. What is **cocobolo,** the wood used for the heads and handles on the higher priced Braces?

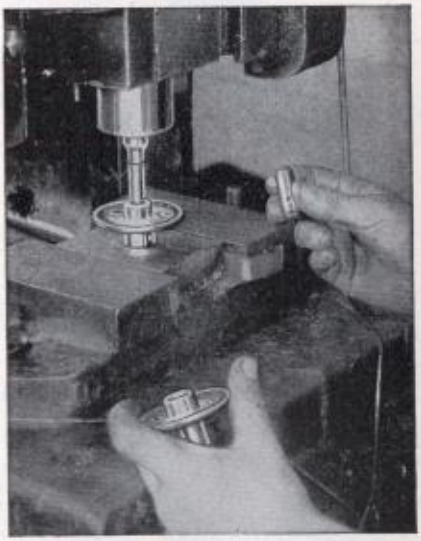
A. It's a tropical wood that is very hard and tough; it takes a beautiful finish.

See the *Stanley Bit Braces* at Your Dealers!



An Important Operation in Making a Stanley Brace

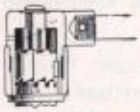
This illustration at the right shows a ress ready to drive a *Bronze Bushing* to the quill of a Stanley Bit Brace ead. That bronze bushing is an exusive feature that is available only in tanley high grade braces. It makes e finest bearing condition that it is ossible to obtain—*Steel against Bronze.* his, plus ball bearings, makes a longer earing, easier turning head.



Cross section drawing shows the construction of a metal clad, bronze bushed, ball bearing head.

Types of Ratchets

Concealed

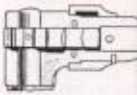


Keeps out moisture and dirt and retains the lubricant. Drop Forged Clutch, backed by four springs, insures smooth and easy operation and prevents back turning.

Box

Heavy Duty, Strong and Dependable. Gear Teeth are cut on a heavy spindle, and encased to protect the user's hands.

Open



Gear is cut from rate piece of steel a ned to the spindle.

Types of Heads

Metal Clad, Bronze Bushed, Ball Bearing

Used on all high grade Braces. Bronze Bushing minimizes wear, and with the Ball Bearings assures smooth operation.

Ball Bearing—New Style

Used on Nos. 945, 965, 965N, 966. Ball bearing assure smooth operation.

Types of Shells

Ball Bearing, Steel Chuck

Used on No. 813. Ball Bearings enable the user to fasten the bit firmer, easier and quicker. Nose Ring is forged, and hardened.

Steel, Heavy Duty

Used on Nos. 921, 923, 984, 993. A heavy duty shell, accurately machined inside and out so bit turns true.

Steel, Heavy Duty

Used on Nos. 915, 916, 917 and 945. Accurately machined inside and out so bit turns true.

Steel, Regu

Used on No 965N. Machined and out. Larg provides a goo

No. 966 smaller steel

Types of Jaws

Type G Universal

Forged, hardened and machined. For round shank bits and drills up to ½ inch, and taper shanks as large as Clark's No. 2 Expansive Bit.
Per Pair. **$1.00**

Interlocking

Type H

Forged, hardened and machined. Especially adapted for taper shank bits up to Clark's No. 2 Expansive bit.
Per Pair. **$1.60**

Spring Alligator Malleable Iron

Type I

Hardened and machined. For regular size taper shank bits; also small and medium size drills.
Per Pair. **$0.30**

Pin Alliga Malleable

Type J

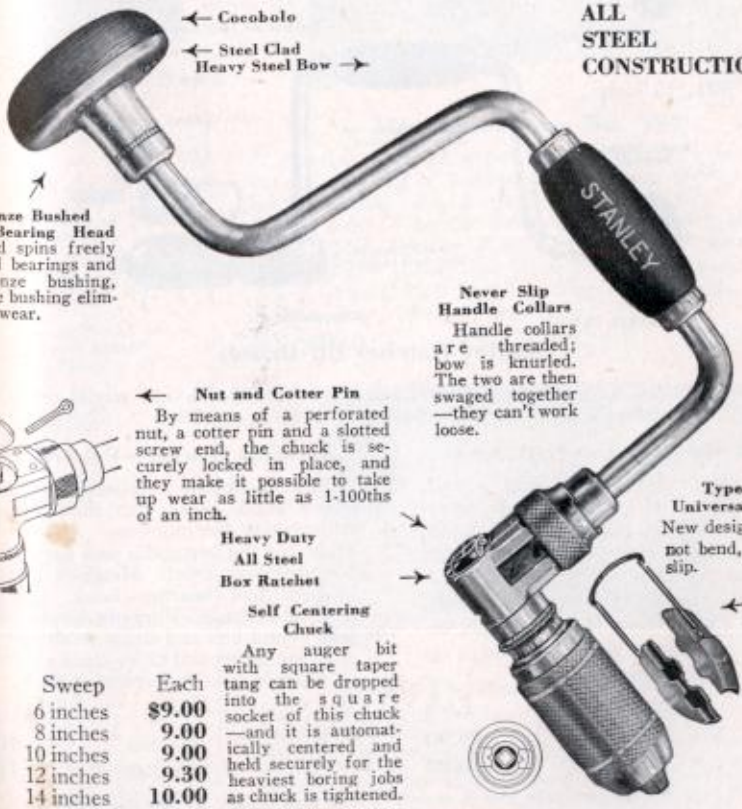
Will firmly h ordinary size shank bits.
Per Pair.

Stanley "100 Plus"* Box Ratchet Bit Braces

Giants for strength. They will stand up under the hardest use, and they have the many Stanley refinements which make a fine artisan's tool. The Box Ratchet is dependable in operation and is built for heavy duty.

Nickel Plated, Mirror Finish. Steel Clad Head turns freely on Ball Bearings and a long wearing Bronze Bushing. Selected Cocobolo Head and Handle. Strong, sturdy Box Ratchet. Nut and Cotter Pin lock entire chuck in place. Improved, forged and hardened Universal Jaws, hold round shank bits and drills from ⅛ to ½ inch, inclusive, and taper shanks as large as Clark's No. 2 expansive bit.

ALL STEEL CONSTRUCTION



Bronze Bushed Ball Bearing Head
Head spins freely on ball bearings and a bronze bushing. Bronze bushing eliminates wear.

Nut and Cotter Pin
By means of a perforated nut, a cotter pin and a slotted screw end, the chuck is securely locked in place, and they make it possible to take up wear as little as 1-100ths of an inch.

Never Slip Handle Collars
Handle collars are threaded; bow is knurled. The two are then swaged together—they can't work loose.

Heavy Duty All Steel Box Ratchet

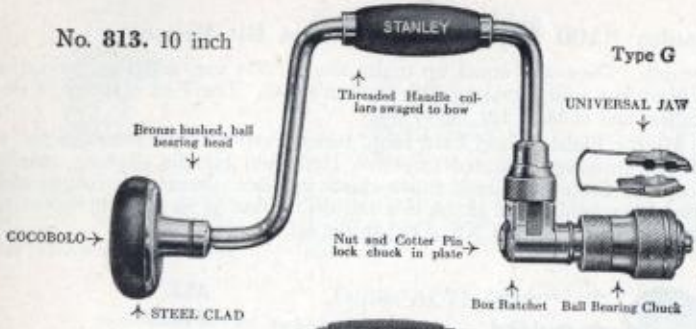
Self Centering Chuck
Any auger bit with square taper tang can be dropped into the square socket of this chuck—and it is automatically centered and held securely for the heaviest boring jobs as chuck is tightened.

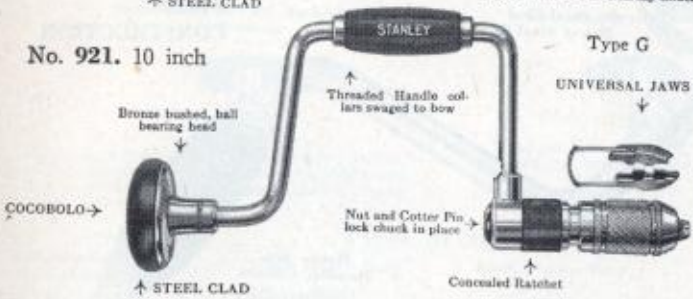
Type G Universal Jaws
New design—will not bend, jam or slip.

No.	Sweep	Each
923	6 inches	**$9.00**
	8 inches	**9.00**
	10 inches	**9.00**
	12 inches	**9.30**
	14 inches	**10.00**

Extra Jaws $1.00 Per Pair. Extra Parts are Shown on Page 197

* Registered U.S. Pat. Office.





Self Ce Chu

Any a with squ per tang dropped square s this chuc it is a ically and held ly for the est borin as chuck ened.

Stanley Ratchet Bit Braces

Highest quality tools designed for artisans, homecraftsmen and school use. are highly recommended for their strength and wearing qualities.

Box Ratchet—Universal Jaws

High grade Bit Brace. Ball bearing chuck makes it easier to tighten and release bit. Nickel plated, mirror finish. Bronze bushed, ball bearing head with steel-clad, cocobolo head and handle. Forged Universal Jaws will take round bits and drills from ⅛ to ½ inch, inclusive, and taper shanks as large as Clark's No. 2 Expansive Bit.

No.	Sweep	Each
813	10 inches	**$9.90**
	12 inches	**10.20**

Extra Jaws, **$1.00** per pair.

Concealed Ratchet—Universal

The concealed ratchet protect user's hands, keeps out dust and and retains the lubricant. An exc brace for the particular tool user. N plated mirror finish. Metal-clad, b bushed, ball bearing head. Coc head and handle. Forged universal take round bits and drills from ⅛ inch, inclusive, and taper shanks as as Clark's No. 2 Expansive Bit.

No.	Sweep	
921	8 inches	**$1**
	10 inches	

Extra Jaws, **$1.00** per pair.

Extra Parts are Shown on Page 197

NEW! STANLEY TOOL SETS

Strong knotty pine cabinet.

Black colonial hardware.

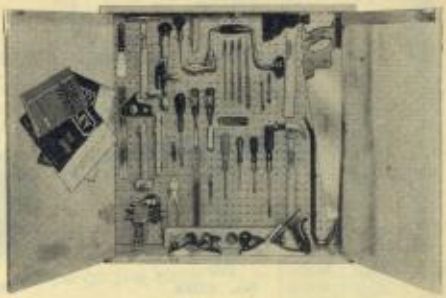
Changeable clips can be relocated on presdwood board.

Dove tail corners.

Tongue and groove joints.

Clip door catches.

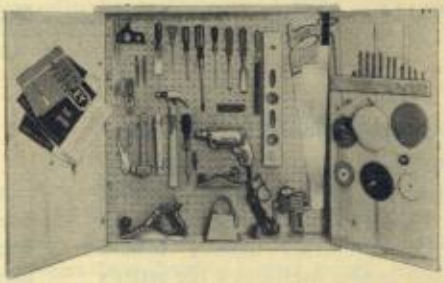
WRITE FOR FOLDER SHOWING THESE AND OTHER TOOL CHESTS



The Suburban—No. 981

A carefully selected group of fine tools in a fine chest for the hobbyist or handyman. Bit Brace, 4 Auger Bits, Screw Driver Bit, Countersink, Hand Drill with 8 Drill Points, 4 Screw Drivers, Awl, Square, Marking Gauge, 6 ft. Zig-Zag Rule, Level, Block Plane, Bench Plane, Utility Knife, Nail Hammer, Tack Hammer, Nail Set, 2 Chisels, Half Hatchet, Ripping Bar, Vise, Spiral Driver, Saw, Pliers, Putty Knife, File.

No. 981 34 Tools in Chest **$99.50**



"Do-It-Yourself" Set—No. 971

This set features the handyman ¼" Electric Drill and accessories for drilling, grinding, sanding, buffing, polishing and paint mixing. Plus the most useful hand tools—Bench Plane, Block Plane, 3 Screw Drivers, Awl, Square, Marking Gauge, 6 ft. Zig-Zag Rule, Level, Utility Knife, Hammer, Nail Set, 2 Chisels, Vise, Center Punch, Spiral Driver, Countersink, Putty Knife, Saw, Pliers and File.

No. 971 38 Tools in Chest **$113.50**

NEW! TOOLS by STAN

No. N51½

No. 430A

No. 373

No. 8

"Nailmaster" Hammer

The claw holds the nail snugly in red slot on head—makes it easy to start the nail in hard-to-reach places. Hickory handle is triple wedged in head and "Evertite" processed. Head has 2° toe-in to compensate for arc of swing.

No. N51½	16 oz.	**$3.15**

Bricklayers' Hammers—New Sizes

Carefully balanced and shaped for easy handling. Proper taper on chisel end. "Super-heat-treated" head and "Evertite" processed hickory handle. No. 430A is also useful as a tile setter's hammer. Smooth black finish with polished faces.

No. 430A	10 oz.	**$2.55**
431A	18 oz.	**2.85**

Butt Marker

A few blows on a Stanle
Marker and you are ready to ch
the wood. Cuts a perfect morti
a minimum of time and effort
Butt Marker has a handy plast
to protect the cutting edges.

No. 373	3 inch
373½	3½ inch
374	4 inch

Tool Caddy

A tidy hang-up kit for the
door or any other convenient
keep tools within easy reach.
parent plastic kit contains bra
hammer, 2 screw drivers, block
ft. "Pull-Push" Rule, Pliers, 3 i
Scotch Tape.

No. 8X

NEW! TOOLS by STANLEY

ELECTRIC SOLDERING IRONS

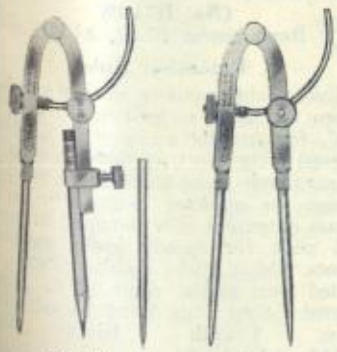
No. 545

With Replaceable Heating Element

Newly designed for continuous service and dependability. Plug Tip Irons especially itable for industrial plants, radio and television repair shops, tinning shops—where mands on an iron are severe. New replaceable long-life element. Heating head has wly developed finish—heat and corrosion resistant. Compressed pure copper tips, x feet of cord, hardwood handles—cool and comfortable. Metal resting stand furished with each Iron.

O.	WATTS	TIP DIAM. (IN.)	WGHT. LESS CORD (OZ.)	OVER-ALL LGTH. (IN.)	A FEW OF THE USES	PRICE		
						IRON COM-PLETE	IRON LESS TIP	REPLACE-ABLE ELEMENT
45	105	⅜	11¼	12½	For light soldering where weight, volume and area are small—manufacture and repair of radios, telephones and electrical appliances, fine instruments.	$10.00	$ 9.30	545E $4.10
451	150	⅜	11¼	12½		10.00	9.30	5451E 4.10
55	150	½	14	12⅝	Remarkable power and broad range for their size. For medium soldering on small areas—radios, telephones, typewriters, electrical appliances, wiring, fuses, toys, jewelry.	11.00	10.10	555E 4.80
551	200	½	14	12⅝		11.00	10.10	5551E 4.80
65	200	⅝	16¼	12 15/16	High speed soldering on jobs with larger areas—on radios, telephones, electric appliances, motors, wiring, metal patterns, art glass. For maintenance on airplane, automobile and ship.	12.00	10.20	565E 5.30
85	360	⅞	30	13¾	Heavy-duty iron for work on refrigerators, motors, sheet metal work, metal patterns. For manufacture and maintenance of automobiles, airplanes; shipbuilding.	15.00	12.60	585E 7.50

Replacement Parts—Handle, $1.05; Cord and Plug, $1.15.



No. 58 No. 57

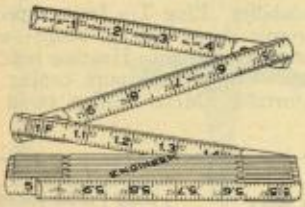
Wing Dividers

Excellent quality instruments for dividing lines, scribing circles, etc. Special adjusting screw and tension spring for precision adjusting. No. 58 has clamp for pencil. Both dividers have hardened steel points. All parts have a highly polished finish.

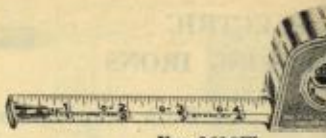
	Length	Each
No. 57	6 in.	**$2.10**
	8 in.	**2.20**
No. 58	6 in.	**2.50**
	8 in.	**2.60**

NEW! RULES by STAN

No. 736W



No. 116



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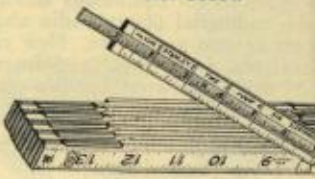


No. X246

Engineers "Zig-Zag" Rule

For civil engineers, surveyors and general contractors. One side of rule has inside flat reading, graduated in 10ths and 100ths of a foot. Foot and decimal marking at each 10th and each foot marked in red.

Reverse side graduated in feet and inches. Each foot identified in red and repeated at every inch. Double edge graduations on both sides. Big bold numbers protected with new plastic finish. Green Ends.

No.	Length	Finish	Each
116	6 ft.	White	**$1.85**

Lightweight Pocket Rule
⅜ inch white blade

"Featherlight" 1½ oz. rule with push button control of spring-back blade. Red and black plastic case stands rough usage. White blade with easy-to-read numbers. It's a pocket size rule for the handyman or to fit women's hand bags.

No.	Blade Length	Each
736W	6 ft.	**$1.00**

10 Ft. "Pull-Push" Rul
¾ inch white blade

A real artisan's rule fo "True-Reading" measurements. scale markings for reading inc feet or continuous inches. "Tr hook slides just enough for inside or outside measurements has no-glare white finish with read numbers and graduations. wide flexible steel blade will st for long reach measuring. Blad replaced easily.

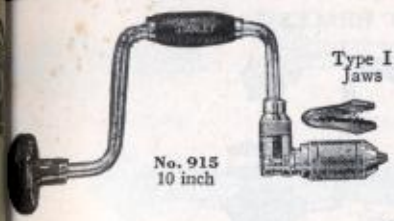
	Length
No. 3610W	10 ft.

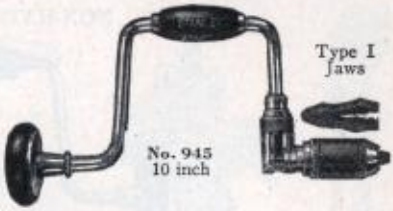
(No. B310W
Replacement Blade, **$1.1**

Extension Rule

Every joint opens on an even Open this Rule to an even 1', 2'6", for straight measuring. E opened from short leg adds an Square ends make this Rule a gauge for marking work with Brass extension slide mounted top stick for speedy inside ments. Other sticks regular wei lected hard maple, white finish, coated. Green Ends. Brass plate

No.	Length	Finish
X246	6 ft. plus 8 in. slide	White





Stanley Ratchet Bit Braces

Strong, well made Bit Braces with features you would expect to find only in much higher priced tools—ball bearing heads, heavy steel chucks, and many other features.

No. 915

Nickel plated, mirror finish. Steel clad, bronze bushed, ball bearing head. Cocobolo head and handle. Spring alligator jaws, of malleable iron, hold all ordinary square taper shank bits and small and medium size drills.

No.	Sweep	Each
915	8 inches	**$7.75**
	10 inches	**7.75**

No. 945

The most popular brace in its price class. Nickel plated, mirror finish. Ball bearing head. Native hardwood head and handle. Spring alligator jaws made from malleable iron hold all ordinary square taper shank bits and small and medium size drills.

No.	Sweep	Each
945	8 inches	**$5.75**
	10 inches	**5.75**
	12 inches	**6.00**

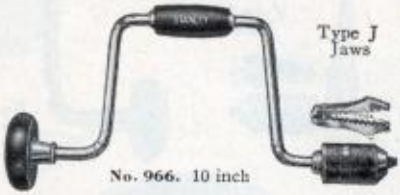
Nos. 965N and 965

Sturdy construction, together with the low price make these braces serviceable tools. Ball bearing head. Large steel chuck. Hardwood head and handle. Alligator jaws hold all ordinary size square taper shank bits.

Sweep	No. **965N** Nickel Plated	No. **965** Polished
8 in.	**$4.00**	——
10 in.	**4.00**	**$3.75**
12 in.	**4.25**	——

Extra Jaws: for Nos. 915 and 945 are $0.80 Per Pair; for Nos. 965N and 965 $0.50 Per Pair. Parts are Shown on Page 197

NON-RATCHET BRACES



No. 966. 10 inch

An inexpensive Bit Brace Brace for the occasional user. Ball bearing head. hardwood head and handle. Cast, pin type alligator jaws.

No.	Sweep	Each
966	8 inches	**$2.80**
	10 inches	**2.80**

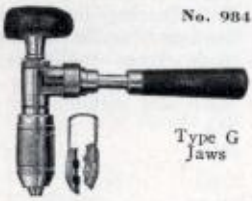
(Extra Jaws, **$0.50** per Pair)

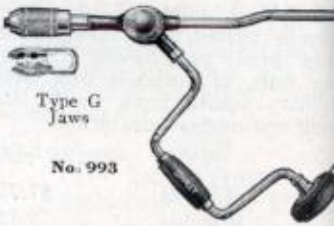
CORNER BRACES

For electricians, plumbers, gas fitters and others who have occasion to work to perpendicular surfaces, in corners, etc. Nickel plated mirror finish. Cocobolo and handles, heavy steel rods and steel chucks.

Self Centering

Any auger bit with square tapered tang can be dropped into the square socket of this chuck—and it is automatically centered and held securely for the heaviest boring jobs as chuck is tightened.





No. 984 Short Brace

Knurled ring is operated by thumb and finger. Slabbed side on head enables user to place brace close to perpendicular surfaces. Universal jaws holds round shank bits and drills up to and including ½ inch, and taper shanks as large as Clark's No. 2 Expansive Bit.

No.	Height	Each
984	7 inches	**$11.85**

(Extra Jaws, **$1.00** per Pair)

No. 993

The gear frame is made of ph bronze. Gears are beveled and th carefully cut. Mechanism is enclo protect it from dirt. Universal hold round shank bits and drills and including ½ inch, and taper as large as Clark's No. 2 Exp Bits.

No.	Sweep	
993	9 inches	**$**

(Extra Jaws, **$1.00** per Pai

Extra Parts are Shown on Page 197

No. 137. Counter

No. 22. Dowel Sharpener

No. 139. Countersink

No. 180. Bit Extension

No. 49.
Bit Gauge

No. 47.
Bit Gauge

Stanley Boring Tools

Highest quality. Worthy companions for your Stanley Bit Brace.

Countersinks

Rose type for wood and soft metals such as brass and aluminum. High quality tool steel, hardened and tempered. The cutting edges are clean and sharp. Polished finish. Not recommended for use in power driven tools.

FOR USE IN TWO JAW CHUCKS

No. 139G has a depth gauge.

No.	Cutting Edge	Length	Each
139	¾ in.	4 in.	$0.85

FOR USE IN THREE JAW CHUCKS

No.	Cutting Edge	Length	Each
137	½ in.	1⅝ in.	$0.45

Dowel Sharpener

For chamfering ends of dowel pins up to ¾ in. Malleable iron. Polished. Cutting edge can be readily resharpened.

No.		Each
22	Length 3 in.	$1.15

Bit Gauge

Can be used on any size bit up to one inch in diameter. Can be set to bore to any depth required. Nickel plated.

No.		Each
49	Length 2½ in.	$1.19

Bit Gauge

Clamp attaches quickly on shank of auger bit. Spring is adjusted for correct hole depth. Spring bends if boring continues beyond depth required—will not mar the surface. Fits all bits from 3/16 to 1½ inches.

No.	Each
47	$0.85

Bit Extensions

Will follow an 11/16 inch bit. Bit capacity 1 inch.

An exceptionally strong tool. One piece shank and socket, hardened and tempered. Nut and knurled Wrench are case hardened. Sleeve is one piece of seamless steel tubing. Nickel plated.

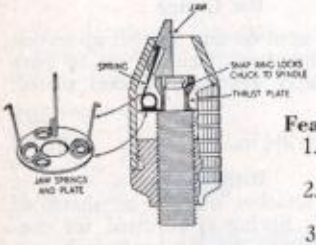
No.	Length	Each
180	12 in.	$3.60
	18 in.	3.60
	24 in.	4.00

No. 617
¼" Capacity

No. 626
⅜" Capacity

Stanley Hand Drills

Protected Jaw Spring Chuck



New Chuck Design

Features:—

1. Heavy Duty Chuck with three hardened t
   Jaws.
2. Protected Jaw Springs hook into jaws in su
   that the drill point cannot jam or bend the
3. Chuck is locked on spindle, opens to capa
   stops.
4. All steel frame provides light weight and
   strength.
5. Grey Iron Gear and Steel Pinions assure long life.
6. Gear and Pinion Teeth are machine cut and pitched for easy operation
7. Double Pinions—idler pinion balances speed gear and assures smooth o

Heavy Duty—¼ Inch Capacity
3½ Inch Solid Speed Gear

Large comfortable handle and detachable side knob are maple, lacquered red. Bright steel parts are polished and nickel plated. Gear lacquered black with nickel plated rim.

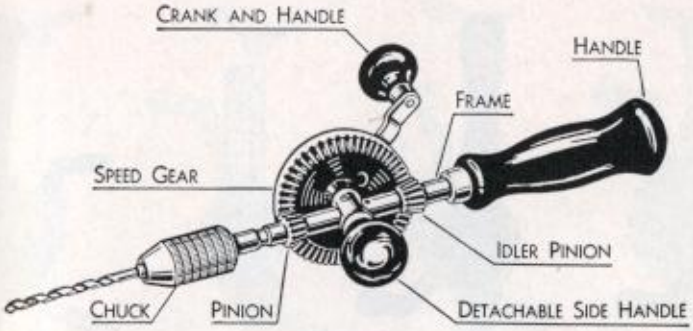
No.	Length	Each
617	12 in.	**$7.00**

Heavy Duty—⅜ Inch Ca
4 Inch Solid Speed Ge

Large comfortable handle an
able side knob are maple,
red. Bright steel parts are
and nickel plated. Gear lacque
with nickel plated rim.

No.	Length
626	13 in.

Repair Parts are Shown on Page 199

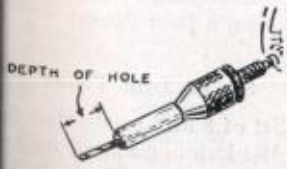


THE ILLUSTRATION IS OF STANLEY HAND DRILL NO. 617–1/4" CHUCK

Use the hand drill for the rapid drilling of small holes, in wood and metal. Holes in wood should be started with an awl to help center and locate the drill. Holes in metal should be center punched. When drilling through metal, relieve the pressure slightly before breaking through, to avoid breaking the drill.

Hold the drill steady in the direction desired and exert an even pressure; turn the crank at a constant speed and not too fast.

To place the drill in the chuck, open it only slightly more than the diameter of the drill. This helps to center it. Insert the drill. Tighten the chuck by pushing forward on the crank with the right hand, while holding the chuck shell tight with the left thumb and fore finger.



To drill holes of uniform depth, make a depth gauge. Cut a piece of wood or dowel the right length, so the drill will project the desired depth when the piece of wood is drilled and slipped over the drill.

It is sometimes desirable to hold the drill by the side handle and press the body against the frame handle like a breast drill.

"100 Plus"
No. 610
No. 611

"100 Plus"
No. 1610
No. 1611

No. 600
Set of
Drill
Points

No.
624

Stanley Hand Drills

"100 Plus"—Enclosed Gear—Cast Iron Speed Gear Protected Jaw Spring Chuck

Compact Drills that have a higher spindle torque for easier drilling in wood metal, and for close-quarter work. Made with heavy duty steel chucks. Check other features on the Stanley "100 Plus" Drills:

- *Smooth Operation*—Cast iron speed gear and two steel pinions with machin teeth. Ball bearings on spindle carry drilling pressure. Aluminum gear housi light weight, protects bearings from dust.
- *Safety*—Enclosed gears protect hands and clothing from catching. All part locked in place, no parts to lose—no pinched fingers.
- *Positive Jaw Action* with concealed jaw springs—protected jaw springs hook jaws of chuck.

¼" Chuck Capacity				3/8" Chuck Capacity			
No. 610	12 in. long	**$6.00**	Each	**No. 611**	12 in. long	**$6.75**	
No. 1610	12 in. long	**6.60**	Each	**No. 1611**	12 in. long	**7.50**	

(**Nos. 1610** and **1611** have magazine handles holding 8 Drill Points)

No. 624—Heavy Duty—3/8" Capacity Hollow Handle with 8 Drill Points

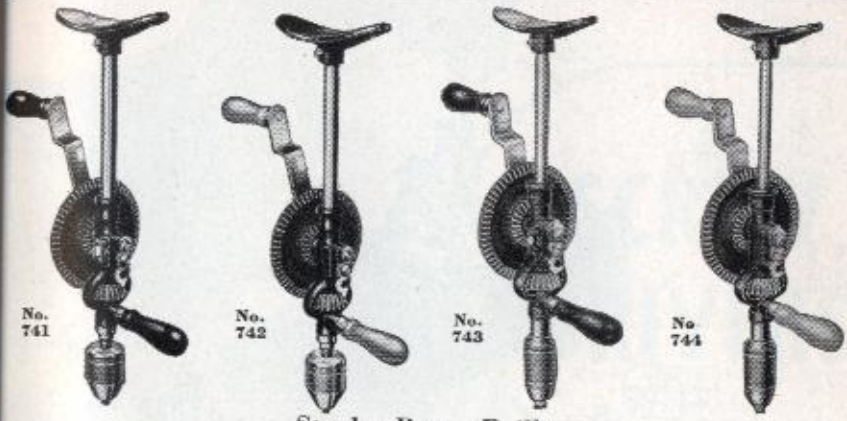
Malleable iron parallel sided frame. Grey iron gear and two steel pinions with machine cut teeth assure long life. Protected jaw springs hook into chuck jaws for positive jaw action. Heavy duty steel chuck locked on spindle. Red hardwood handle has magazine holding 8 drill points, sizes 4/64 to 11/64 inches. Frame and gear finished dull black with bright metal trim.

No. 624 13¾ in. long **$7.50** Each

Set of Drill Points

Set of 8 drill points, size to 11/64 inch in diameter, fo in all Stanley Hand D Packed in handy acetate with metal screw cap.

No. 600 **$0.60** per



Stanley Breast Drills

Features:

Strong, sturdy and smooth in action.
Two speeds changed by shifting large gear.
Breast plate is adjustable.
Grey iron gear and steel pinion insure long wearing qualities.
Outer teeth on gear and pinion teeth are machine cut for smooth operation.
Ball thrust bearings insure easier operation on heavy work.
Black hardwood handles, black finish frames.

Three Jaw Chucks

High quality drills with iron frame, steel shank. Three jaw chuck fitted with hardened tool steel jaws. Capacity: round shank twist drills up to and including ½ inch.

No. 741

Handle crank can be set for 8, 10 or 12 in. sweep. Equipped with level assembly on frame. Large gear dull black finish. Shank, handle crank, chuck shell and other metal trim nickel plated.

No.		Each
741	16 in. long	$10.90

No. 742

Gear is finished black. Bright steel shank, handle crank, chuck shell, etc. Crank handle and side handle natural wood finish.

No.		Each
742	16 in. long	$8.20

Universal Jaws

Husky drill with universal jaws that take straight shank bits and drills from ⅝ to ½ in. inclusive and taper shanks as large as Clark's No. 2 Expansive Bit. Level assembly on frame. Handle crank can be set for 8, 10 or 12 in. sweep. Iron frame, steel shank. Large gear finished dull black with nickel plated trim. Wood side handle and crank handle red finish.

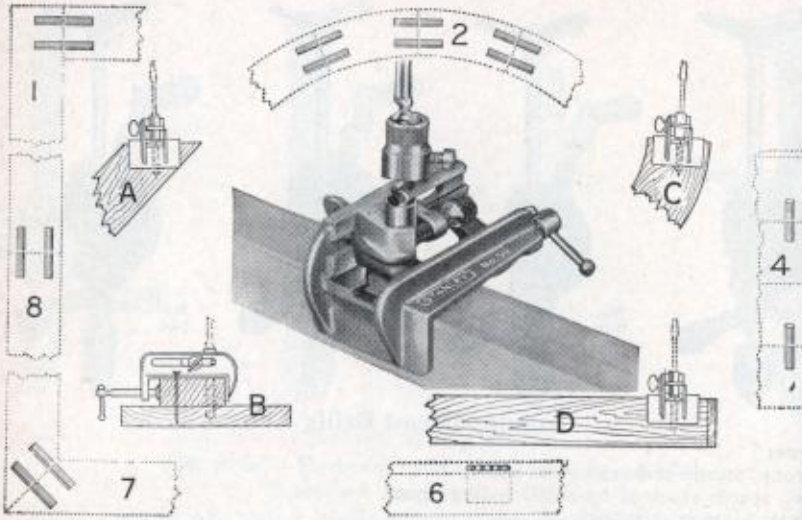
No.		Each
743	16 in. long	$11.35

Alligator Jaws

Iron frame, steel shank. Alligator jaws hardened and tempered will hold all ordinary size taper shank bits. Gear finished dull black with nickel plated trim. Wood crank handle and side handle natural finish.

No.		Each
744	16 in. long	$8.30

Repair Parts are Shown on Page 198



New Improved Design! Stanley Doweling Jig

A handy tool for all woodworkers and an essential tool for cabinet makers. It enables you to bore dowel holes in the edge, end or surface of work with ease and accuracy. It can be used to make butted corners, mitred joints, butted joints and is an excellent guide for mortising. It will take any thickness of material up to 2⅞ in. Nickel plated finish.

Graduations on top permit direct reading and accurate setting of Jig to center line of work. For best results, Russell Jennings Auger Bits are recommended for use with the Stanley Jig.

Depth Gauge can be used with or without the Jig. When used with the Jig, the Gauge should be applied on bit as shown above. Used without t position of the Gauge should versed.

Fig. A—Proper way of attachi to bore dowel holes on mitred or work.

Fig B—Method used to bore holes in the surface of a board. porary block is nailed to the bo illustrated.

Fig. C—Jig attached to dowe ments of circle.

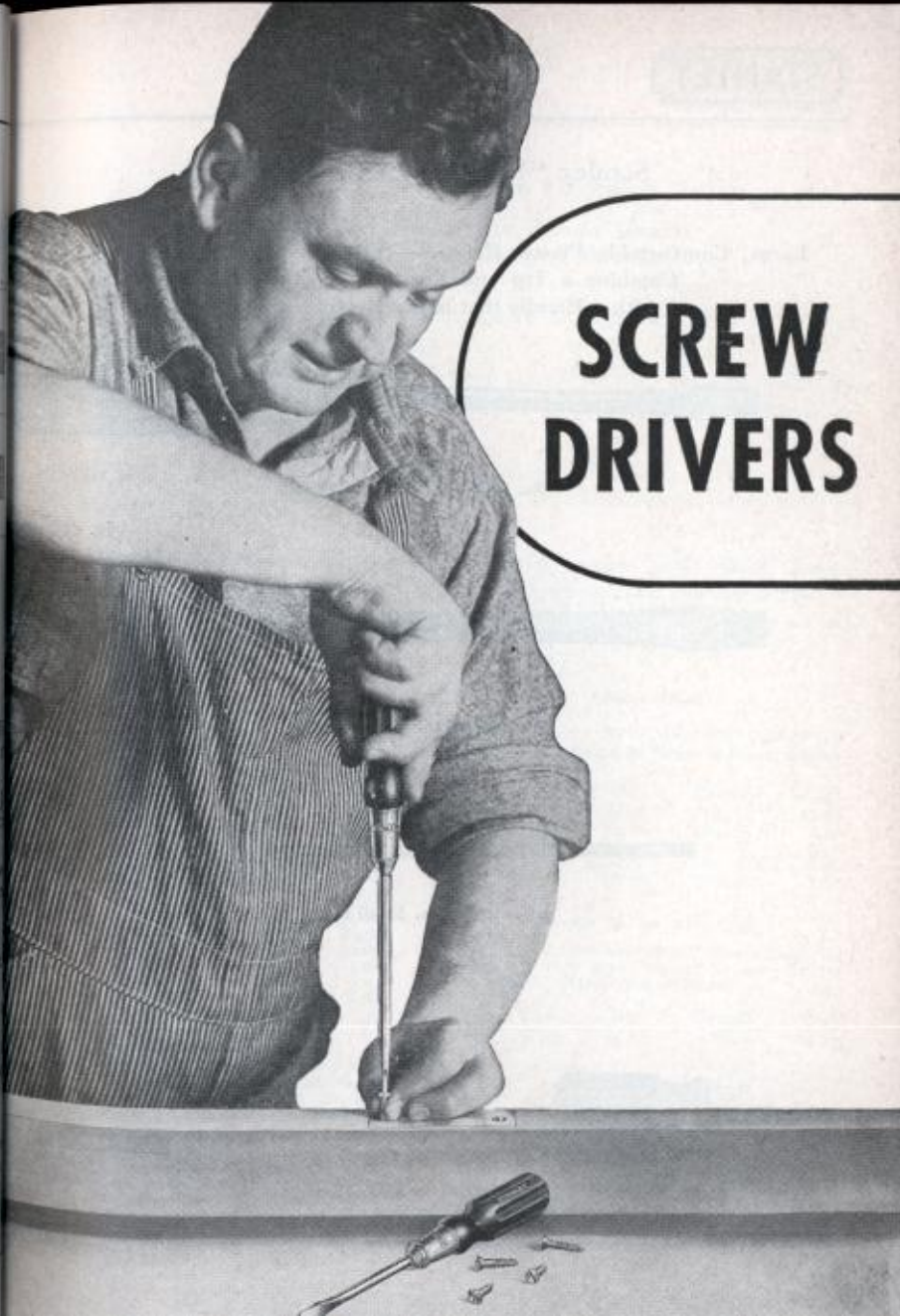
Fig. D—Setting of the Jig ordinary doweling.

Figs. 1 to 8 show various fo work where the Jig can be used t advantage.

No.		Pr
59	with 6 Guides: 3/16, ¼, 5/16, ⅜ 7/16, ½ in.	$5.9
	Other Guides available: 9/16, ⅝, ¾ in.	.3
	Complete set of 9 Guides	2.6

(For Dowling Machine, see Page 115)

SCREW DRIVERS



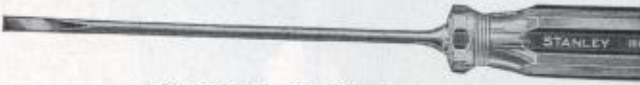
Stanley "100 Plus"* Screw Drivers

With

Large, Comfortable Plastic Handles—Special Analysis Alloy Steel
Combine a Tip and Bar of the Utmost Quality
with a Handle that is practically Unbreakable

No. 1006-6 in. Standard Blade

No. 1007-6 in. Square Blade



No. 1008-6 in. Small Blade

No. 1009. Close Quarter

No. 1010. Pocket

No. 1017. Instrume

* Registered U.S. Pat. Off.

Stanley "100 Plus" Screw Drivers

Combine a Tip and Bar of the Utmost Quality with a Handle that is practically Unbreakable

The highly polished Blades are forged from special analysis alloy steel proved by tests and use to be the best for screw drivers.

A Bolster forged integral with the blade adds massiveness at the right point to strengthen the bar against prying strains. Continued pounding will not budge it or drive the blade up into the handle.

The Tips are hot forged and carefully heat treated for toughness; specially tapered to give maximum strength, and accurately machine cross-ground to size—they hold in screw slots.

Large, comfortable grip handles—two tone finish—amber with black flutes. Made from a slow-burning plastic—one of the toughest non-metallic substances known. They are practically break-proof and shock-proof, and they will not soak up oil or water.

Standard Blade and Tip

Heavy round blade—8 and 12 inch sizes have a nut shaped bolster.

No.	Blade	Bar	Overall	Each
1006	4 in.	¼ in.	7¾ in.	$1.10
	6 in.	3/16 in.	10¼ in.	1.40
	8 in.	⅜ in.	13 in.	1.80
	10 in.	7/16 in.	15 in.	2.00
	12 in.	7/16 in.	17⅝ in.	2.75

Small Blade—Parallel Sided Tip

For electrical work, cabinet work and similar jobs. 1016 is a light adjusting screw driver.

No.	Blade	Bar	Overall	Each
1008	3 in.	3/16 in.	6½ in.	$0.95
	6 in.	3/16 in.	9½ in.	1.00
	8 in.	3/16 in.	11½ in.	1.05
	10 in.	3/16 in.	13½ in.	1.20
1016	3 in.	9/64 in.	6 in.	.50

Close Quarters Drivers

Handy little screw drivers for adjusting head lights, tightening markers, changing windshield wipers, etc. They are very useful for machinists and other mechanics for working in close quarters.

No.	Blade	Diam. Handle	Diam. Bar	Each
1009	1¾ in.	1¼ in.	¼ in.	$0.75
1012	1 in.	1¼ in.	¼ in.	.70
1013	1 in.	⅞ in.	7/32 in.	.45

Square Blade

Blade can be gripped with a wrench or pair of pliers when turning stubborn or heavy screws.

No.	Blade	Bar	Overall	Each
1007	4 in.	¼ in.	7¾ in.	$1.20
	6 in.	5/16 in.	10¼ in.	1.60
	8 in.	⅜ in.	13 in.	2.15
	10 in.	⅜ in.	15 in.	2.60
	12 in.	⅜ in.	17⅝ in.	2.90

Pocket Driver With Clip

Novel and practical—it will turn a good size screw; yet it is small enough to carry in the vest pocket. Nickel plated blade.

No.	Blade	Bar	Overall	Each
1010	2 in.	⅛ in.	4⅜ in.	$0.35

Instrument Screw Driver

For turning small screws on eye glass frames, gun sights, locks, clocks, radios, electrical appliances and in fact all small screws. Amber colored handle, hexagon shape, nickel plated blade.

No.	Blade	Bar	Overall	Each
1017	1½ in.	1/16 in.	2⅞ in.	$0.20

No. 2006 Standard Blade

No. 2007 Square Blade

No. 2008 Electricians

No. 2012

No. 2010 Pocket

Stanley "Victor" Screw Drivers

With Shatter-Proof Plastic Handles and Alloy Steel Blades

Handles are made of a slow burning plastic that is practically breakproof and proof and it will not soak up oil or water. Blades are forged from alloy ste rectly hardened and tempered, and locked in the handles by heavy wings on th of the blade. Tips are accurately machine cross ground to size. Full polished Two tone amber colored handles—upper portion non-slip finish, nose portion f black.

Round Blade

No.	Blade	Bar	Overall	Each
2006	3 in.	¼ in.	6 in.	**$0.80**
	4 in.	¼ in.	7¾ in.	**.85**
	6 in.	5/16 in.	10¼ in.	**1.15**
	8 in.	⅜ in.	13 in.	**1.60**
	10 in.	⅜ in.	14½ in.	**1.70**

Square Blade

No.	Blade	Bar	Overall	Each
2007	4 in.	¼ in.	7¾ in.	**$1.05**
	6 in.	5/16 in.	10¼ in.	**1.40**
	8 in.	⅜ in.	12 in.	**1.70**

Electricians' Round Blad

No.	Blade	Bar	Overall
2008	3 in.	3/16 in.	6½ in.
	6 in.	3/16 in.	9½ in.
	8 in.	3/16 in.	11½ in.
	10 in.	3/16 in.	13½ in.

Pocket Size with Clip Nickel Plated

No.	Blade	Bar	Overall
2010	2 in.	⅛ in.	3⅞ in.

"Close Quarter"

No.	Blade	Bar	Overall
2012	1¼ in.	¼ in.	3⅛ in.

No. 1001. Standard Blade

No. 1003. Small Blade

Stanley "100 Plus" Screw Drivers

Alloy Steel Bars

Extra Strong Wood Handled Screw Drivers

Blades are forged from alloy steel and are oil tempered their entire length. Bolster forged integral with blade for extra strength. Heavy wings on tang of blade make it impossible for blade to twist in handle. Ferrules are driven on under pressure, confining the wood fibres about the tang. Tips are machine cross ground to size, assuring a non-slip fit in screw slots.

Handle of No. 1001 is shaped from pre-shrunk hickory and capped with hard leather washers to withstand pounding. No. 1003's have maple handles.

Mahogany red stained, lacquered handles. Highly polished blades.

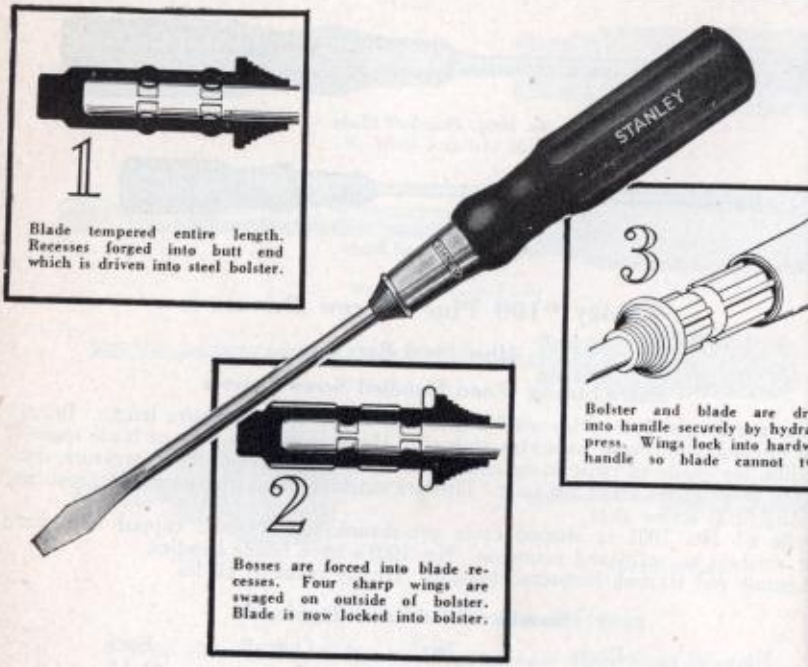
Standard Blade and Tip

No.	Blade	Bar	Overall	Each
1001	3 in.	¼ in.	7 in.	**$1.15**
	4 in.	¼ in.	9 in.	**1.15**
	5 in.	5/16 in.	11 in.	**1.25**
	6 in.	5/16 in.	12 in.	**1.30**
	8 in.	⅜ in.	14¾ in.	**1.65**
	10 in.	7/16 in.	16¾ in.	**1.80**
	12 in.	7/16 in.	18¾ in.	**2.05**

Small Blade, Parallel Sided Tip

A quality screw driver for electricians, auto mechanics, and cabinet makers. Selected maple handles.

No.	Blade	Bar	Overall	Each
1003	3 in.	3/16 in.	7¼ in.	**$0.75**
	4 in.	3/16 in.	8¼ in.	**.75**
	5 in.	3/16 in.	9¼ in.	**.80**
	6 in.	3/16 in.	10¼ in.	**.80**
	8 in.	3/16 in.	12¼ in.	**.85**
	10 in.	3/16 in.	14¼ in.	**1.10**
	12 in.	3/16 in.	16¼ in.	**1.15**



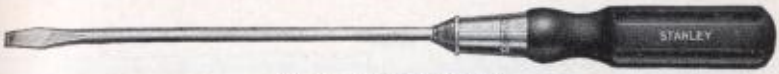
Stanley Screw Drivers

Bolster Type Construction—Alloy Steel Bars

The patented bolster construction makes a better insulated Screw Driver for
tricians, auto mechanics and others. It also makes it possible to temper the blad
entire length, providing greater strength. Tips are carefully forged and accura
machine crossground to size. Handles are deeply fluted for a good grip and fini
a satin black. Blades are highly finished.

Standard Blade and Tip

No.	Blade	Bar	Overall	
25	2½ in.	7/32 in.	6¾ in.	$0
	3 in.	7/32 in.	7⅜ in.	
	4 in.	¼ in.	9 in.	
	5 in.	5/16 in.	10¾ in.	
	6 in.	5/16 in.	11¾ in.	
	8 in.	⅜ in.	14⅝ in.	1
	10 in.	⅜ in.	16⅝ in.	1
	12 in.	⅜ in.	18⅝ in.	1



No. 55. 6 in. Small Blade

No. 45. 6 in. Small Blade

No. 146. 6 in. Small Blade and Handle

Stanley Screw Drivers

All these drivers have the bolster type construction and alloy steel bars. Parallel sided tips will follow a countersunk screw without marring the work. Tips are machine crossground. Hardwood handles are deeply fluted and finished black.

Small Blade—Flared Tip

Particularly handy for electrical work. Blades are of small stock with tips in proportion. Handles are short and narrow.

No.	Blade	Bar	Overall	Each
55	1½ in.	3/16 in.	4⅜ in.	**$0.55**
	2½ in.	3/16 in.	6¾ in.	**.60**
	3 in.	3/16 in.	7¼ in.	**.60**
	4 in.	3/16 in.	8¼ in.	**.60**
	5 in.	3/16 in.	9⅜ in.	**.65**
	6 in.	3/16 in.	10⅜ in.	**.70**
	8 in.	3/16 in.	12¼ in.	**.80**

Small Blade—Parallel Sided Tip

Sides of tips are parallel and of the same width as the diameter of the blade so that a countersunk screw can be followed without marring the work.

No.	Blade	Bar	Overall	Each
45	1½ in.	3/16 in.	4⅛ in.	**$0.55**
	2½ in.	3/16 in.	6⅞ in.	**.60**
	3 in.	3/16 in.	7¼ in.	**.60**
	4 in.	3/16 in.	8¼ in.	**.60**
	5 in.	3/16 in.	9⅜ in.	**.65**
	6 in.	3/16 in.	10½ in.	**.70**
	8 in.	7/32 in.	13 in.	**.80**
	10 in.	7/32 in.	14¾ in.	**1.05**
	12 in.	7/32 in.	16¾ in.	**1.10**

Small Blade and Handle—Parallel Sided Tips

Thin blades especially adapted for work on typewriters, instruments, business machines, radios, light machinery, etc.

No.	Blade	Bar	Overall	Each
146	1½ in.	9/64 in.	4¼ in.	**$0.60**
	3 in.	9/64 in.	6¾ in.	**.65**
	4 in.	9/64 in.	7¾ in.	**.65**
	5 in.	9/64 in.	8¾ in.	**.70**
	6 in.	9/64 in.	9¾ in.	**.70**
	8 in.	9/64 in.	11¾ in.	**.85**

No. 20. Standard Blade

No. 52. Square Blade

No. 21. "Baby"

Stanley "Hurwood" Screw Drivers

Blade, Shank and Head are Hot Forged from One Piece of Alloy Steel

Note in the Sectional view that the blade goes all the way through the handle a locked in place by a rivet that goes through the ferrule, handle and blade. The are carefully formed, hardened, toughened and machine crossground to size. hardwood handles are deeply fluted and finished a satin black. The blades are h finished.

Standard Blade and Tip

The favorite with artisans for more than a quarter of a century. 18 in. size has a double grip handle.

No.	Blade	Bar	Overall	Each
20	2½ in.	7/32 in.	6½ in.	**$0.75**
	3 in.	7/32 in.	7⅝ in.	**.75**
	4 in.	¼ in.	9 in.	**.80**
	5 in.	5/16 in.	10½ in.	**.85**
	6 in.	5/16 in.	12 in.	**.90**
	8 in.	⅜ in.	14¾ in.	**1.15**
	10 in.	⅜ in.	16¾ in.	**1.35**
	12 in.	⅜ in.	18¾ in.	**1.60**

Baby-Cabinet Blade

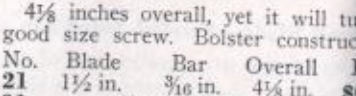
4⅛ inches overall, yet it will tu good size screw. Bolster construc

No.	Blade	Bar	Overall	
21	1½ in.	3/16 in.	4⅛ in.	**$**
31	(Same as No. 21)			

Machinists' Extra Heavy Square Blade

Used for heavy work where a driver cannot be used conveniently.

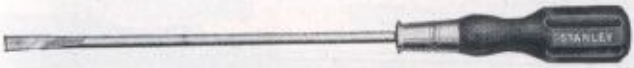
No.	Blade	Bar	Overall	
51	1¾ in.	5/16 in.	5½ in.	**$1**
52	3½ in.	⅜ in.	7⅞ in.	**1**



Sectional view showing one piece blade head of "Hurwood" Screw Drivers.

No. 70. Standard Blade and Tip

No. 75. Parallel Sided Tip.



No. 77. Cabinet Tip.

Stanley Screw Drivers

High Quality Medium Priced Drivers

Highly polished, correctly tempered blades of superior steel with tips accurately machine cross-ground to size. Two ears on the shank and a pin through the ferrule handle and shank, lock the blade in the handle. Handles of Nos. 70 and 75 are dark red with natural color flutes. On No. 77 handles are glossy red.

Standard Blade and Tip

Blade	Bar	Overall	Each
2½ in.	7/32 in.	6½ in.	**$0.55**
3 in.	7/32 in.	8 in.	**.55**
4 in.	¼ in.	9 in.	**.60**
5 in.	5/16 in.	10½ in.	**.65**
6 in.	5/16 in.	11¾ in.	**.65**
8 in.	⅜ in.	15 in.	**.95**
10 in.	⅜ in.	17 in.	**1.05**
12 in.	⅜ in.	19 in.	**1.20**

Parallel Sided Tip

Blade	Bar	Overall	Each
3 in.	7/32 in.	7½ in.	**$0.55**
4 in.	¼ in.	9 in.	**.55**

Narrow Blade and Handle

Cabinet Tip. Designed for light work.

Blade	Bar	Overall	Each
1½ in.	3/16 in.	4⅛ in.	**$0.50**
3 in.	3/16 in.	6½ in.	**.55**
4 in.	3/16 in.	7½ in.	**.60**
5 in.	3/16 in.	8½ in.	**.65**
6 in.	3/16 in.	9½ in.	**.65**
8 in.	3/16 in.	11½ in.	**.65**

Spee-D-Grip No. 415. 6 inch

No. 177. "Radio"

No. 80-5 in. Standard Blade and Tip

Spee-D-Grip Drivers

Quick opening tempered steel jaws hold screw firmly for easy starting. After screw is started, pull back driver, jaws automatically withdraw from screw. Ideal for driving and seating screws in hard-to-get-at places. Bars are forged from hexagonal steel, black rustproof finish. Tough plastic handles —comfortable grip.

5/32 Hex. Stock

No.	Blade	Overall	Each
415	2 in.	4½ in.	**$0.50**
	3 in.	5½ in.	**.50**
	4 in.	7 in.	**.65**
	6 in.	9¼ in.	**.80**
	8 in.	11⅜ in.	**.85**
	10 in.	13¼ in.	**.90**

7/32 Hex. Stock

416	2¼ in.	4⅜ in.	**$0.80**
417	4 in.	7¾ in.	**.85**
	6 in.	9¾ in.	**.90**

"Radio" Screw Driver

Blades locked in handle by e the shank. Small diameter fluted for finger tip grip. M crossground tips. Black handles w finger grip.

No.	Blade	Bar	Overall
177	2 in.	9/64 in.	5¾ in.
	3 in.	9/64 in.	6¾ in.
	4 in.	9/64 in.	7¾ in.
	5 in.	9/64 in.	8¾ in.
	6 in.	9/64 in.	9¾ in.
	8 in.	9/64 in.	11¾ in.

Standard Blade and Tip

Polished blades locked in the h by two ears on the shank of the 15 in. size has the rivet fasteni the blade. Glossy black handles.

No.	Blade	Bar	Overall
80	2½ in.	7/32 in.	6 in.
	3 in.	7/32 in.	6½ in.
	4 in.	¼ in.	9 in.
	5 in.	9/32 in.	9¾ in.
	6 in.	9/32 in.	11¼ in.
	8 in.	⅜ in.	14½ in.
	10 in.	⅜ in.	16½ in.
	12 in.	⅜ in.	18½ in.

No. 670. Offset

No. 26. Screw Driver Bit

No. 2612
Phillips Offset

No. 223. Close Quarter

No. 1014. Spark Tester—Pocket Size

No. 271. Close Quarter

Stanley Special Screw Drivers

All have machine crossground tips—they hold in screw slots.

Offset Screw Driver

For driving or loosening screws in ht places. Especially useful on cars d machines. Highest quality forged xagon bar steel. Black finish.

	Stock	Overall	Each
8	5/32 in.	3 in.	**$0.35**
9	1/4 in.	4 in.	**.35**
0	5/16 in.	5 in.	**.45**
1	3/8 in.	6 in.	**.50**

Phillips Offset Driver

Handy drivers to loosen or tighten illips Screws in hard-to-get-at places. rs are alloy steel with points hard- d and tempered for maximum wear. ith two point sizes, it can be used th Phillips Screws No. 9 and all aller sizes.

	Point Size	Overall	Each
12	1 and 2	4½ in.	**$0.40**

Spark Detecting Screw Drivers

For testing high frequency circuits. hen tip is placed on a firing spark g, distributor, or leak in the igni- n wiring, a neon tube flashes an nge light. Pocket size with clip.

	Blade	Bar	Overall	Each
14	2¼ in.	9/64 in.	5 in.	**$0.80**

Screw Driver Bits

For driving screws with a Bit Brace. Forged from alloy steel, oil tempered and polished.

No.	Tip	Length	Each
26	3/16 in.	5 in.	**$0.45**
	1/4 in.	5 in.	**.45**
	5/16 in.	5 in.	**.45**
	3/8 in.	5 in.	**.55**
	1/2 in.	5 in.	**.55**

Close Quarter Driver

Short, stubby drivers for working in close quarters. Square blades. Red handles.

No.	Blade	Bar	Overall	Each
223	1⅜ in.	1/4 in.	3¾ in.	**$0.30**

Close Quarter Driver

For small screws that require a shor' lightweight driver. Fluted hardwood handle, natural color.

No.	Blade	Bar	Overall	Each
271	1½ in.	3/16 in.	4 in.	**$0.40**

No. 2752. Plastic Handle

No. 2762. Stubby

No. 1722. Plastic Handle

Stanley Screw Drivers

For Phillips Screws and Bolts

Phillips Screws—recessed head, self centering screws—are used extensive manufactured articles and they are being used more and more for home repai ordinary jobs. Four sizes will drive the entire range of Phillips Screws and B

"100 Plus"—Heavy Duty—Plastic Handle—Alloy Steel Bars

Tempered, polished steel blades held in the handles by two ears swaged on the Handles are made of a slow burning plastic—one of the toughest non-metallic sub known, shaped and fluted for a comfortable grip. No. 2754 made with hexagonal

No.		Size	Blade	Overall Length
2751		1	3 x 9/64 in.	6 in.
2752		2	4 x 1/4 in.	7 3/4 in.
2753		3	6 x 5/16 in.	10 1/4 in.
2754		4	6 x 3/8 in. hexagonal shank	11 1/4 in.
2762	Stubby	2	1 1/2 x 1/4 in.	3 1/2 in.

Plastic Handles—Carbon Steel Bars

No.	Size	Fits Phillips Screws	Blade	Overall Length
1721	1	No. 4 and smaller	2 1/2 x 9/64 in.	5 1/2 in.
1722	2	Nos. 5 to 9 inclusive	3 1/2 x 1/4 in.	6 3/4 in.
1723	3	Nos. 10 to 16 inclusive	5 1/2 x 1/8 in.	9 in.

Stubby

1711	1	No. 4 and smaller	1 x 9/64 in.	2 3/4 in.
1712	2	Nos. 5 to 9 inclusive	1 1/2 x 1/4 in.	3 1/4 in.

Phillip's License No. 1. Phillip's Patents Nos. 2046837-2046840.

No. 2501. Heavy Duty

No. 2701. General Use

No. 2732. For Home Use

No. 2711. Close Quarter

Stanley Screw Drivers and Bits
For Phillips Screws and Bolts

These new Stanley Drivers have been designed to fit the recessed heads of Phillips Screws which are used on many of the new automobiles, truck and bus bodies, furniture and other assembled articles too numerous to mention. Mechanics and householders need these Drivers.

Heavy Duty—Wood Handles
Alloy Steel Bars

Strong, "hard face" heat treated bars, highly polished. Wings on the shank of the blade lock the blade in the handle and prevent turning. Satin black, hardwood handles with deep machine cut flutes.

No.	Size	Fits Phillips Screws	Each
2501	1	No. 4 and smaller	**$0.65**
2502	2	Nos. 5 to 9 inclusive	**.65**
2503	3	Nos. 10 to 16 inclusive	**.85**
2504	4	No. 18 and larger	**1.25**

Stubby

2512	2	Nos. 5 to 9 inclusive	**.60**

For General Use—Alloy Steel Bars

Tempered, polished steel blades held in the handles by two ears swaged on the shank. Handles are of hardwood, natural color and deeply fluted.

No.	Size	Fits Phillips Screws	Each
2701	1	No. 4 and smaller	**$0.45**
2702	2	Nos. 5 to 9 inclusive	**.50**
2703	3	Nos. 10 to 16 inclusive	**.70**
2704	4	No. 18 and larger	**.90**

Close Quarter

Short, stubby drivers.

No.	Size	Blade	Overall	Each
2711	1	1 in.	2⅞ in.	**$0.45**
2712	2	1½ in.	3½ in.	**.50**

For Home Use—Carbon Steel Bars

Tempered, polished steel blades held in the handles by two ears swaged on the shank. Red lacquered hardwood handles, deeply fluted. These drivers are not recommended for driving sheet metal screws.

No.	Size	Fits Phillips Screws	Each
2731	1	No. 4 and smaller	**$0.40**
2732	2	Nos. 5 to 9 inclusive	**.40**
2733	3	Nos. 10 to 16 inclusive	**.55**
2734	4	No. 18 and larger	**.70**

Stubby

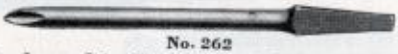
2741	1	No. 4 and smaller	**$0.40**
2742	2	Nos. 5 to 9 inclusive	**.40**

No. 88. Tool Holder

No. 8. Tool Holder

No. 81 No 82

No. 312



No. 262

Stanley Replaceable Bit Screw Drivers

Drivers that take a Bit tailor-made to drive certain size screws. Bits are av as listed below to drive both Phillips and slotted head screws. Especially useful case hardened screws are driven—where wear on the tip of the Driver means ping the complete tool. With these drivers the Bit can be replaced at small cost. tools for the mechanic and home craftsman.

No. 88—Tool Holder with Magazine Handle. Three Bits, Nos. 81, 82 and packed in Handle. Natural Finish Hardwood Handle with Aluminum Screw Overall, 8¼ in. **$1.79** Each.

No. 8—Tool Holder only. Solid Red Hardwood Handle. Chuck is forged integral part of tempered alloy steel bar. Overall, 8¼ in. **$0.85** Each.

Bits For Use With Nos. 88 and 8 Tool Holders

No.	Purpose	Nos.	Each
81	Fits Phillips Screws	4	**$0.35**
82	Fits Phillips Screws	5— 9	**.35**
83	Fits Phillips Screws	10—16	**.35**
84	Fits Reed & Prince Screws		**.35**
85	Fits Reed & Prince Screws		**.35**

No.	Purpose	Nos.
8030	Fits Slotted Head Screws	
8035	Fits Slotted Head Screws	7— 9
8040	Fits Slotted Head Screws	9 and Larger

Screw Driver Bits to Drive Phillips Screws

These Bits, designed for use in Bit Braces and Ratchet type screw driver made of highest quality steel to assure maximum wear resistance when driving metal screws. Offered in sizes to fit Phillips Screws and Bolts.

No.	Purpose	Size	Lgth.	Each
261	Bit Brace	1	4½"	**$0.79**
262	Bit Brace	2	4½"	**.79**
263	Bit Brace	3	4½"	**.79**
264	Bit Brace	4	4½"	**.79**
301	Nos. 30, 30A, 130, 130A, 62, 620, 442, 452 Spiral Drivers	1	3¼"	**.50**
302		2	3¼"	**.50**
303		3	3¼"	**.50**

No.	Purpose	Size	Lgth.
311	Nos. 31, 31A, 131, 131A, 62, 620, 443, 453 Spiral Drivers	1	3¼"
312		2	3¼"
313		3	3¼"
351	Nos. 35, 135, 33H, 133H, 67, 670, 441, 451 Spiral Drivers	1	2⅞"
352		2	2⅞"

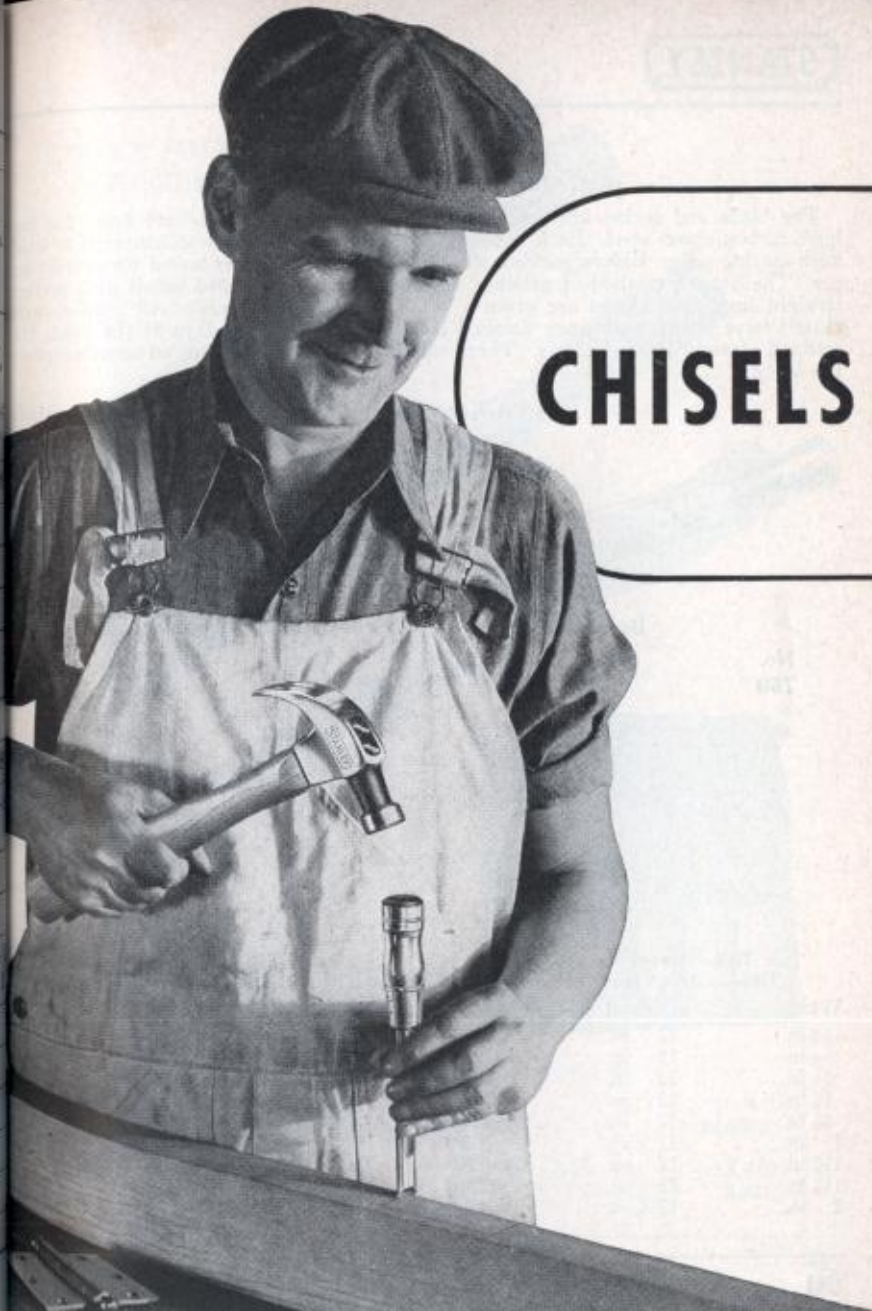
SELECT THE RIGHT SCREW DRIVER FOR THE JOB!

CHART OF SCREW SIZES AND CORRECT STANLEY DRIVERS TO USE WITH THEM

WOOD SCREW		MACHINE SCREW			SCREW DRIVER		
					Blade		
Flat & Oval Head No.	Round Head No.	Flat & Oval Head No.	Round Head No.	Fillister Head No.	Width In.	Thickness In.	Bar Length and Catalog No.
0	0				1/8	.015	1010–2″, 2010–2″
0	0				9/64	.015	177–2, 3, 4, 6, 8″, 1014–2¼″
1	1				9/64	.020	1016–2″
2	2	2	2	2	5/32	.025	45–1½″, 1011–4″, 55–1½, 2½, 3, 4, 5, 6, 8, 10″
3	3	3	3	4	3/16	.025	45–2½, 3, 4, 5, 6″
4	4	4	4	4	3/16	.030	21–1½″, 20–2½″, 25–2½″, 70–2½″, 270–2½″, 1003–3, 6″, 1008–3, 6, 10″, 26–3/16″
4	4	4	4	4	3/16	.031	2008–3, 6, 10″
5	5	4	6	6	7/32	.032	1013–1″, 80–2½″, 20–3″, 25–3″, 70–3″, 80–3″, 45–8″
5	5	5	5	5	9/32	.030	8030 Bit
6	6	6	6	7	1/4	.034	1001–3″
7	7	7	7	7	5/16	.035	8035 Bit

Continued on Next Page

WOOD SCREW		MACHINE SCREW			SCREW DRIVER		
					Blade		
Flat & Oval Head No.	Round Head No.	Flat & Oval Head No.	Round Head No.	Fillister Head No.	Width In.	Thickness In.	Bar Length and Catalog
7	7	8	8	8	1/4	.037	2012–1 1/4", 222–1 1/2", 1009–1 3/4", 20–4", 25–70–4", 80–4", 2006–4", 1001–4", 100 26–1/4"
8	8	8	8	10	5/16	.037	1007–4", 2007–4", 201
9	9	10	10	10	9/32	.039	20–5", 25–5", 70–5"
9	9	10	10	10	5/16	.039	2006–6"
9	9	9	9	9	3/8	.040	8040 Bit
10	10	10	10	10	5/16	.041	80–5, 6", 20–6", 25–6' 70–6", 26–5/16"
11	11	12	12	12	5/16	.043	1001–6", 1006–6"
11	11	12	12	12	3/8	.043	1007–6", 2007–6", 200
12	12	12	12	1/4	3/8	.047	51–1 3/4",20–8",25–8", 80–8", 26–3/8"
14	14	1/4	1/4	1/4	3/8	.050	1001–8", 1006–8"
14	14	1/4	1/4	1/4	7/16	.050	1007–8", 2007–8"
16	16	5/16	5/16	5/16	7/16	.055	270–10", 20–10, 12", 12", 70–10, 12", 80–1
20	20	5/16	5/16	5/16	7/16	.060	1001–12", 1006–12"
20	20	5/16	5/16	5/16	1/2	.060	1007–12"
20	20				7/16	.064	52–3 1/2"
20	20				1/2	.064	26–1/2"
24	24	3/8	3/8	3/8	1/2	.069	20–18"
24	24	3/8	3/8	3/8	5/8	.070	26–5/8"



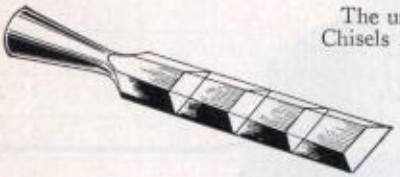
CHISELS

Stanley Socket Chisels

High Quality Chisels at Popular Prices

The blade and socket are forged in one piece (no welded socket) from th high carbon chisel steel. Each chisel is carefully heat treated and tempered to keen cutting edge. Before packing the chisels are **individually** tested for corre per. The Stanley method of grinding assures nicely proportioned bevels with p straight lines. All blades are given a "high color" mirror finish. All Stanley chisels have brown mahogany finished handles. All are shaped, to fit the hand selected straight grain hickory. Three sole leather washers cemented together the wood.

A Keen Cutting Edge at Any Point on the



The uniform temper throughout the blade of Chisels has long been appreciated by craftsme only will the blades hold a good edge for a long time, but after y use, when the blade has been and honed down nearly its entire this fine cutting edge is just as g

Bevel Edge Butt—Blades 3¼ Inches Long

No.	Width	Overall	Ea
750	⅛ in.	9½ in.	**$1.**
	¼ in.	9½ in.	**1.**
	⅜ in.	9½ in.	**1.**
	½ in.	9½ in.	**1.**
	⅝ in.	9½ in.	**1.**
	¾ in.	9½ in.	**1.**
	⅞ in.	9½ in.	**2.**
	1 in.	10 in.	**2.**
	1¼ in.	10 in.	**2.**
	1½ in.	10 in.	**2.**
	1¾ in.	10 in.	**2.**
	2 in.	10¼ in.	**3.**

No. 740—Bevel Edge Pocket Blades 4½ Inches Long

Width	Overall	Each
¼ in.	12 in.	**$2.00**
⅜ in.	12 in.	**2.00**
½ in.	12 in.	**2.00**
⅝ in.	12 in.	**2.10**
¾ in.	12 in.	**2.10**
1 in.	12 in.	**2.30**
1¼ in.	12 in.	**2.50**
1½ in.	12 in.	**2.80**
2 in.	12½ in.	**3.60**

No. 720—Bevel Edge Firm Blades 6 Inches Long

Width	Overall
¼ in.	13 in.
⅜ in.	13 in.
½ in.	13 in.
⅝ in.	13 in.
¾ in.	13 in.
⅞ in.	13½ in.
1 in.	13½ in.
1¼ in.	13½ in.
1½ in.	13½ in.
2 in.	15 in.

STANLEY SOCKET CHISELS

No. 750

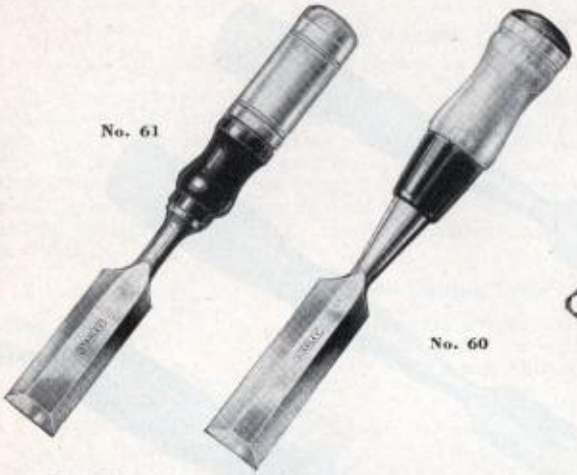
No. 740

No. 720

STANLEY SOCKET CHISELS IN SETS

Each set of chisels packed in waterproof kit.

No.	Contains		Per Kit
726	No. 720 Firmer Chisels	One Each ¼, ½, ¾, 1	$16.00
756	No. 750 Butt Chisels	1¼, 1½ in. Sizes	13.70
754	No. 750 Chisels—One Each ¼, ½, ¾, 1 in. Sizes		8.60



No. 66 Kit

Stanley Chisels With Plastic Handles—Alloy Steel Blade

Here is something brand new in chisels that will appeal to all artisans ar workshop enthusiasts who want deluxe and distinctive tools. They are perfe anced and combine the best in steel and handles for light weight chisels. Th are accurately machine cross ground providing straight and perfectly prop bevels. Handles are tough plastic material.

Paring Chisel

A popular pattern, specially suited for carving, paring, and similar work by those who prefer a short, carefully balanced chisel.

Distinctive Butt Chisel

Ideal for the pattern maker, maker, interior trim carpent others. The handle is specially to give perfect balance and crown shaped steel cap centers blows and distributes the force to the cutting edge.

Thin Blades, 2½ Inches Long

No.	Width	Overall	Each
61	¼ in.	7¼ in.	$2.10
	⅜ in.	7½ in.	2.10
	½ in.	7⅝ in.	2.30
	⅝ in.	7¾ in.	2.40
	¾ in.	7¾ in.	2.40
	1 in.	8 in.	2.60
	1¼ in.	8¼ in.	3.10
	1½ in.	8⅜ in.	3.60
	2 in.	8 9/16 in.	4.20

Thin Blades, 3 Inches L

No.	Width	Overall
60	¼ in.	7⅜ in.
	⅜ in.	7⅜ in.
	½ in.	7⅞ in.
	⅝ in.	8 in.
	¾ in.	8¼ in.
	1 in.	8½ in.
	1¼ in.	8½ in.
	1½ in.	9 in.
	2 in.	9¼ in.

Chisels in Kits—Black Plastic Rolls

Contains one each No. 60 Chisels in sizes listed.

No.		
64	¼, ½, ¾, 1 in.	$11.00
66	¼, ½, ¾, 1, 1¼, 1½ in.	18.00
69	¼, ⅜, ½, ⅝, ¾, 1, 1¼, 1½, 2 in.	27.80

Contains one each No. 61 Chisels listed.

No.	
616	¼, ½, ¾, 1, 1¼, 1½ in.

No. 46. Kit.

No. 50

No. 40

Stanley Heavy Duty Wood Chisels

Alloy Steel Blades—Tough Plastic Handles

Sturdy, two-piece construction—blade and shank, forged in one piece, extends almost through entire handle and meets shank of steel cap. Steel cap takes hammer blows. Handle is tough, slow-burning, black plastic which possesses unusual resistance to breakage. Blades are forged from high quality alloy steel. Bevel edges on blades are correctly proportioned for a good cutting edge.

Butt—Blades 3¼ Inches Long

No.	Width	Overall	Each
50	⅛ in.	7¾ in.	$2.60
	¼ in.	7¾ in.	2.60
	⅜ in.	7¾ in.	2.60
	½ in.	7¾ in.	2.70
	⅝ in.	7¾ in.	2.80
	¾ in.	7¾ in.	2.90
	1 in.	8 in.	3.10
	1¼ in.	8½ in.	3.60
	1½ in.	8¾ in.	3.90
	2 in.	9 in.	4.55

Pocket—Blades 4½ Inches Long

No.	Width	Overall	Each
40	¼ in.	9 in.	$2.70
	⅜ in.	9 in.	2.70
	½ in.	9 in.	2.80
	⅝ in.	9 in.	2.90
	¾ in.	9 in.	3.00
	1 in.	9¼ in.	3.20
	1¼ in.	9¾ in.	3.70
	1½ in.	10 in.	4.00
	2 in.	10¼ in.	4.75

Stanley Chisels in Sets

Each set of six Chisels in Black Plastic Kit.

No. 56—No. 50 Chisels	One Each ¼, ½.	$19.50
No. 46—No. 40 Chisels	¾, 1, 1¼, 1½ in. Sizes	20.25

Stanley Chisels

Carpenters, electricians, and home-craftsmen need these Stanley Chisels to mortise hardwood or large timbers, for repair work, and all work that calls for a rugged chisel. A blow struck on head of one of these Chisels is transmitted directly to cutting edge with unimpaired force. Handles never separate from blade.

Thin Blade, Butt Chisels

Carpenters, cabinet makers and skilled workmen will find these Chisels wo their skill. Blades are forged in one piece from clean, high grade Chisel stee treated and tempered. Natural color hardwood handles fitted with steel band.

Tang Chisels—Blade 2½"

No.	Width	Overall	Each
161	¼ in.	8¼ in.	
	⅜ in.	8¼ in.	
	½ in.	8½ in.	
	⅝ in.	8 9/16 in.	
	¾ in.	8⅝ in.	
	⅞ in.	8¾ in.	
	1 in.	8⅞ in.	
	1¼ in.	9 in.	
	1½ in.	9 1/16 in.	
	2 in.	9⅜ in.	

Socket Chisels—Blade 2⅜

No.	Width	Overall
160	¼ in.	8½ in.
	⅜ in.	8½ in.
	½ in.	8½ in.
	⅝ in.	8⅝ in.
	¾ in.	8⅞ in.
	⅞ in.	8⅞ in.
	1 in.	9 in.
	1¼ in.	9⅜ in.
	1½ in.	9½ in.
	2 in.	9⅞ in.

Stanley Glazier's Chisels

Hardwood Handle—Blade 3½"

No. 58

Heavy blade Chisel for such jobs as easing up window sashes, cleaning out old putty, preparing sash for glass, etc. Blade and tang one forged piece of open hearth carbon steel and heat-treated. Heavy wings on tang lock blade in handle. Hickory handle capped with three leather washers.

No.	Blade	Overall	Each
58	1¾ in.	9¾ in.	**$3.60**

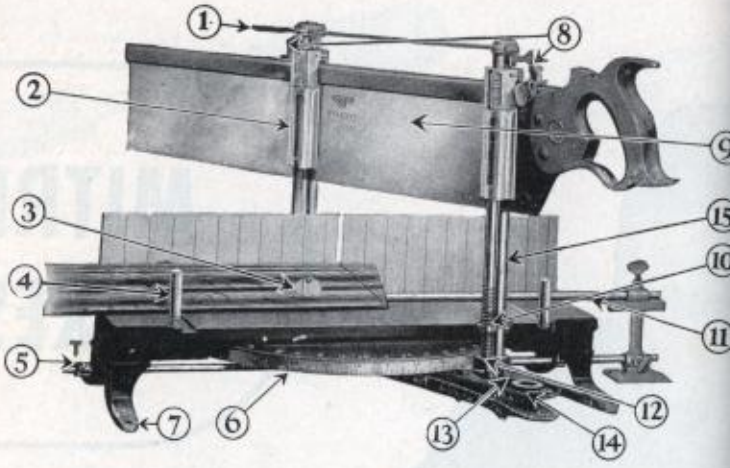
Plastic Handle—Blade 3¼

No. 55X

Glazier's Chisel that will sta under severe use. Blade and forged in one piece, extends through entire handle and meets of steel cap. Alloy steel blade. slow burning plastic handle.

No.	Width	Overall
55X	2 in.	9 in.

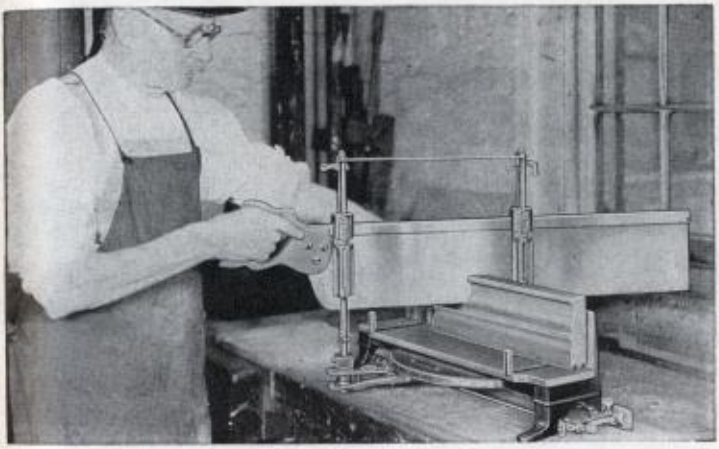
MITRE BOXES



Fifteen Superior Features of Stanley Mitre Boxes

Applicable to Mitre Boxes Nos. 244, 246, 346, 358 and 360

1. Tie Bar at the top gives great rigidity to the uprights.
2. Rollers Bearings in Saw Guide minimize friction and wear, and assure smo action.
3. Adjustable Spurs in back keep work from slipping.
4. Stock guides hold all ordinary work tightly against the back and provide for angle pieces and curved pieces. They also hold the work so angles le 30 degrees can be cut.
5. Pointed Screws level the box and stop it from sliding.
6. Quadrant is graduated in degrees and is also indexed for sawing 3, 4, 5, and 24 sided figures. In addition, the self-clamping swivel locks in any between the numbered index holes. Swivel clamping lever is malleable iron.
7. Detachable Legs of Malleable iron. They are practically unbreakable.
8. Automatic Catches hold the saw above work so that both hands can be place the work. They release the saw when the trip engages the front cat
9. A first quality Back Saw.
10. Fixed stops threaded on the uprights prevent sawing below the base boar justable stops are provided to aid in sawing to a given depth. A heavy sp the upright lifts the saw out of any kerf cut in the board.
11. Length stop makes it possible to saw duplicate pieces of practically any len can be used either right or left hand.
12. Uprights can be turned to take up the play of a saw of any thickness.
13. Uprights are adjustable vertically so that saw will always cut square to th
14. Two Sockets permit the use of a long or short saw.
15. Can be made very compact for carrying by removing the uprights.



Stanley Mitre Boxes

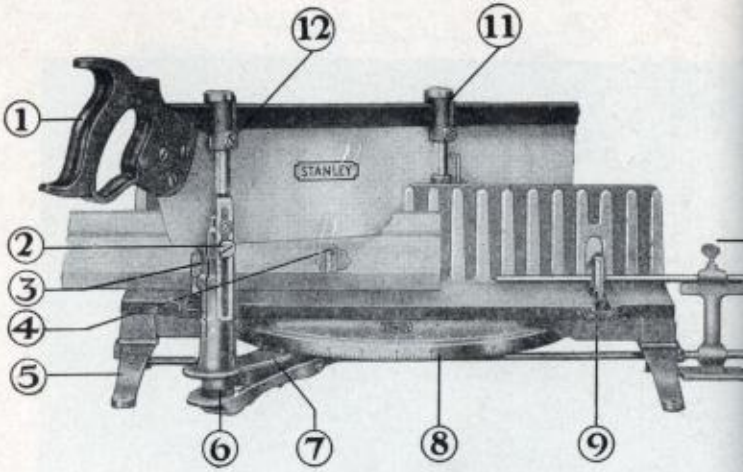
These Mitre Boxes have made many friends for Stanley Tools. They are known everywhere for their accuracy, fine adjustments and sturdy construction.

The Back, Frame, and Graduated Quadrant are cast in one piece. The entire box is strongly braced and absolutely rigid. Eye appealing finish—two-tone grey with red decorative lines.

A first quality back saw is furnished with each box.

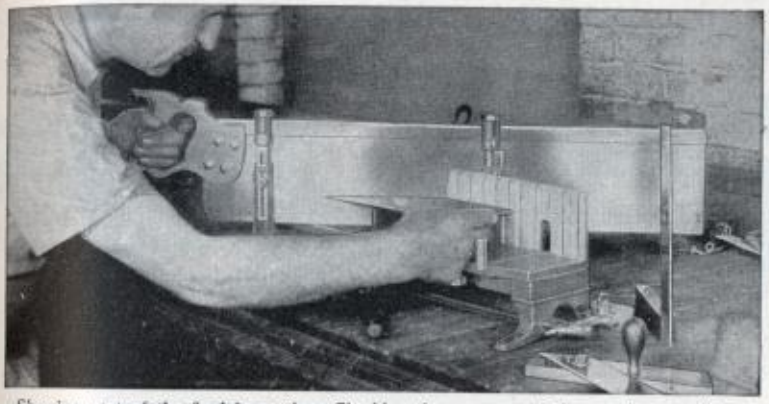
No.	Back Saw	Capacity Right Angle	Capacity Mitre (45°)	Capacity at 30° without Stock Guide	Weight (Box only)	Price (with Saw)
244	24 x 4	8¼ in.	5½ in.	3½ in.	18 lbs.	**$57.00**
246	26 x 4	8¼ in.	5½ in.	3½ in.	23½ lbs.	**59.00**
346	26 x 4	9½ in.	6½ in.	4⅛ in.	24 lbs.	**61.50**
358	28 x 5	9½ in.	6½ in.	4⅛ in.	29 lbs.	**63.00**
360	30 x 6	9½ in.	6½ in.	4⅛ in.	29 lbs.	**69.00**

For Repair Parts see Pages 194 and 195



Special Features of Stanley Mitre Boxes
Nos. 2244, 2246, and 2358

1. First quality Back Saw.
2. Positive saw Guide Stops and Depth Stop Plates control depth of saw c rated Teeth on Uprights and Stops, together with strong screws, withstan use and abuse.
3. Automatic, positive Saw Guide Catches hold Saw above work, leaving bo free to position the work.
4. Adjustable Spurs in the back keep work from slipping.
5. Detachable Legs of Malleable Iron. They are practically unbreakable.
6. Swivel Lever and Lift Screw automatically raise the front Saw Guide out of Kerf cuts in base boards when changing swivel position.
7. Swivel, Swivel Clamping Lever and Uprights are cast in one piece from iron—strong, rigid, and practically unbreakable. Will always cut square to
8. Quadrant is graduated in degrees and is also numbered for sawing, 3, 4, 5 and 24 sided figures. The Double Locking, Self-Clamping Swivel is fitte Pin which locks into the numbered index holes. In addition, Swivel clamped at any position between these holes.
9. Stock Guides hold work tightly against the back. They also hold work less than 30 degrees may be cut.
10. Length Stop for duplicate work. Can be used either right or left hand.
11. Saw Guides of Malleable Iron are practically unbreakable.
12. Two Roller Bearings in each Saw Guide produce a smooth saw action.



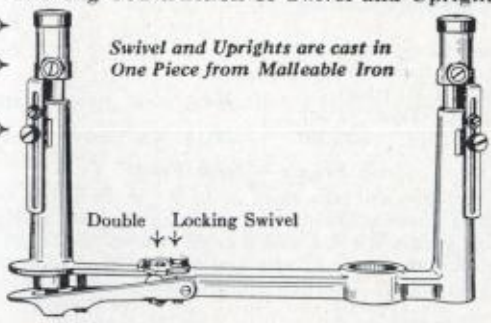
Showing part of the final inspection; Checking the accuracy of the quadrant position.

Stanley Mitre Boxes Nos. 2244, 2246 and 2358

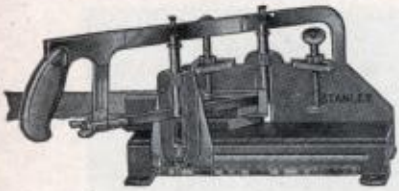
These new Mitre Boxes are very accurate, simple in design, easy to use, have a minimum number of parts, and are exceptionally strong and sturdy. Study the features on the opposite page. Attractively finished: two-tone grey finish with red trim. Furnished with a first quality back saw.

No.	Back Saw	Capacity Right Angle	Capacity Mitre (45°)	Capacity Without Stock Guide 30°	Weight (Box Only)	Each
2244	24 x 4 in.	8¼ in.	5½ in.	3½ in.	17 lbs.	$61.00
2246	26 x 4 in.	8¼ in.	5½ in.	3½ in.	22 lbs.	62.00
2358	28 x 5 in.	9½ in.	6½ in.	4⅝ in.	27 lbs.	66.00

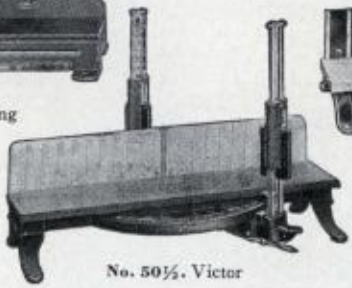
Showing Construction of Swivel and Uprights



Repair Parts are Shown on Page 196.



No. 2360. Metal Cutting



No. 50½. Victor

No. 150. Iron Fram
Open Front

Metal Cutting Mitre Box

This Mitre Box will cut any metal or material that can be cut with a hack saw. It will cut these at any angle from 45° to 90°, right or left.

All steel construction with reinforced cast iron saw guides. Pressed wood, replaceable base board. Special hack saw frame with 12 in. x ½ in., 32 tooth high speed steel blade. Saw can be removed and used free.

A sliding front guide and accurate degree scale is used to obtain different angles. Work is held by two adjustable thumb screw clamps and filler blocks. Holes in legs are for anchoring box to bench.

Back, base and saw guides are lacquered blue, other parts nickel plated. Capacity 2¼ in. high x 3 in. wide.

No.	Overall	Net Wght.	Each
2360	12½"x5¼"	9 lbs.	**$25.80**

"Victor" Wood Cutting Mitre

Back, Frame Indexed Quadra
Swivel Arm Bearing made in on
Quadrant is indexed for cuttin
6, 8, 12 and 24 sided figures.
arm can be locked at any angle.
back or panel saw can be used.
able stops attached to uprights
cut of saw to the desired depth
leable iron legs. Attractive and
finish.

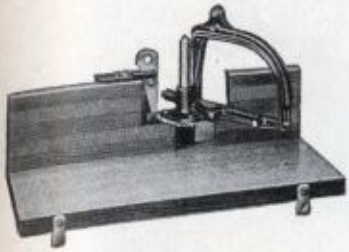
No.		Capacity Right Mitre Angle (45°) Inch.	Inch.	
50½	No Saw	7¼	4¾	

Iron Frame—Open Front

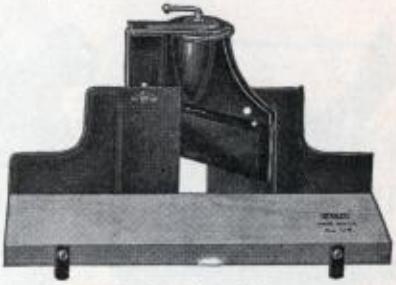
An easily adjusted box that will take stock up to 3½ in. in height when panel used. Open front makes possible sawing of extra wide boards. Swivel Arm ha pivot which engages in Frame for 4, 6 and 8 sided frames. Locks at any angle guide adjusts itself to any thickness of saw and can be adjusted vertical to bas adjustable gauge acts as a stop. Board is natural finish, remainder of tool bla

No.	Overall	Net Weight	
150	14½ in. x 8 in.	10 lbs.	

Repair Parts on Pages 191, 192 and 193



No. 115. Wood Frame



No. 116. Metal Frame

Stanley Mitre Boxes

These boxes are strong and accurate, and practical for all ordinary work.

Wood Frame

A handy box for ordinary work. Takes stock up to 3½ in. in height when panel saw is used.

Saw Guide can be quickly set and held at "0" (90°), "Window Sill" (9°), "Mitres" (45°), and for 4, 5, 6, and 8 sided figures. A sliding key or wedge fits into notches on the marked index plate and securely holds guide at proper angle.

Either a back or panel saw can be used. For cutting to exact depths a back saw should be used. The Saw Guide determines the depth of cut and keeps the saw at the angle to be cut.

Index Plate, Index Lever, and Center Point are made of steel. Saw Guides are made of grey iron. Frame is laminated hardwood, finished with clear lacquer.

No.	Overall	Net Weight	Price
115	16 in. x 7 in.	5 lbs.	$12.60

Metal Frame

This Mitre Box is strong and sturdy, it has few and easy adjustments and is very reasonably priced. Either a back or panel saw can be used. The index plate is marked for angles 0 degree up to 50 degrees. Large back provides ample support for work and is cut away to make it easy to hold work while sawing. Two stop lugs on front edge of base board may be turned downward to act as stops against edge of bench when sawing. Back, Saw Guide and Index Plate are made of heavy pressed metal, ribbed for extra strength, black lacquer finish. Board is hard Maple with clear lacquer finish. Capacity: boards up to 2½ in. in height when panel saw is used.

No.	Overall	Net Weight	Price
116	13½ in. x 4½ in.	4¾ lbs.	$5.50

No. 100
Mitre Machine

No 400. Mitre Vise

Vise Ti
for Con
venieno
Nailing

Stanley Picture Framers' Tools

No. 100 Mitre Machine

With this machine any type of mitred joint can be cut, glued and nailed to make tight, close fitting corners.

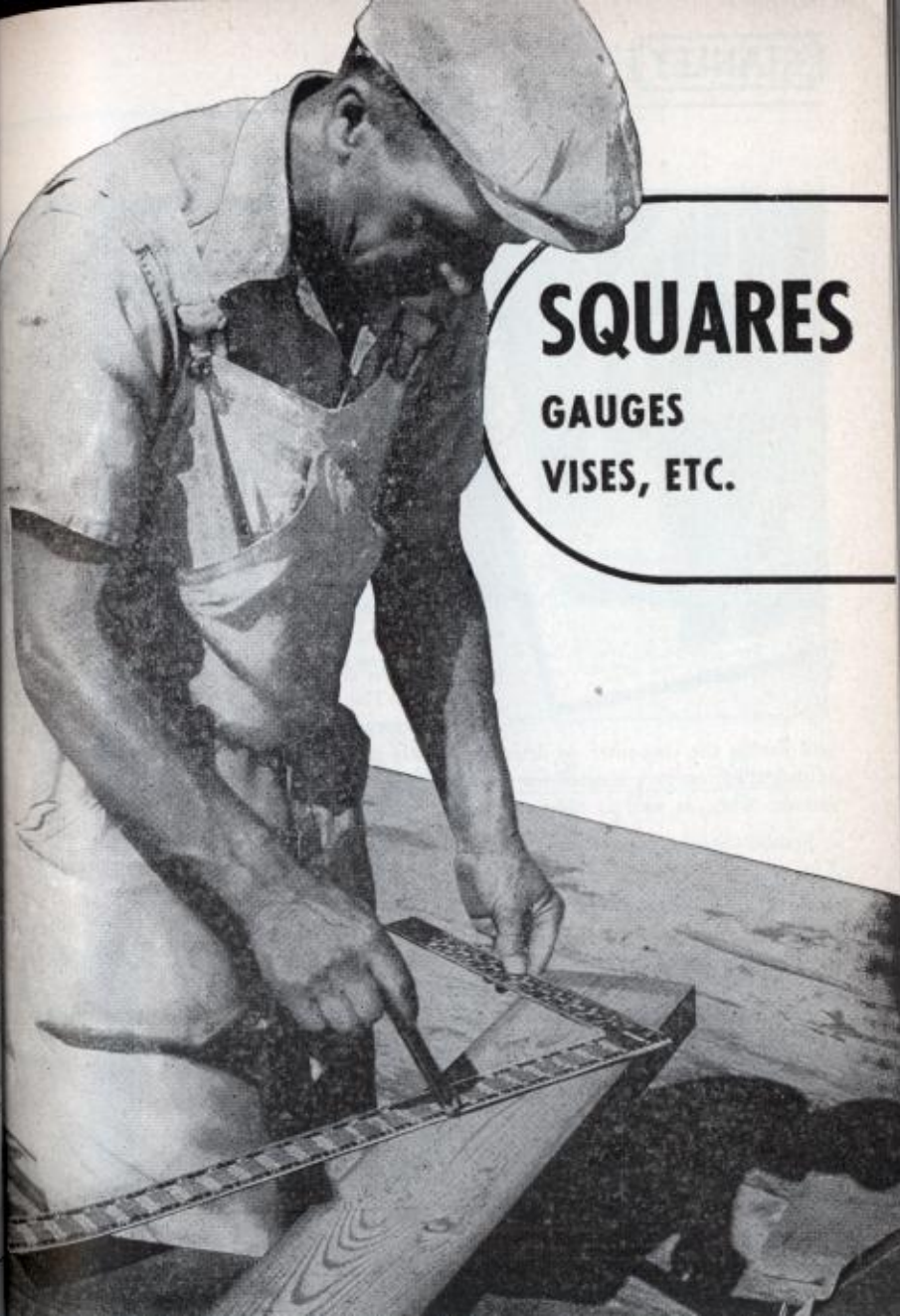
Mouldings less than 4 inches in width can be sawed and any frame 7½ x 7½ in. or larger can be clamped. The saw furnished is of high quality and fitted to the machine. The machine is made entirely of metal and finished in grey enamel with red trim. Roller Bearing Saw Guide. Saw is 22" x 4". Price **$73.50**

No. 400 Mitre Vise

Meets every requirement for a
ture frame clamp for square cor
It will clamp any moulding up
inches wide, and join any frame la
than 3½ x 3½ inches. The Vise
two sides of the frame firmly in
sition for nailing. The universal ba
made so that the Vise can be tilted.

Frame is made of grey iron fin
in grey enamel with red trim.
$20.65

Repair Parts are Shown on Page 194


SQUARES
GAUGES
VISES, ETC.

Stanley Carpenters' Steel Sq

Among all the tools used by the worker there is, perhaps, none so simple and indispensable as the Steel Square. There is not a tool th be so readily applied to the quick s of the many difficult problems of lay work as the Steel Square. In the h one who knows how to use it, the becomes a simple calculating device most wonderful capacity.

There is a feeling that one must knowledge of higher mathematics to to use a Steel Square with all its ma figures, and tables. This is not tru though it has numerous scales and there is nothing about it that is comp

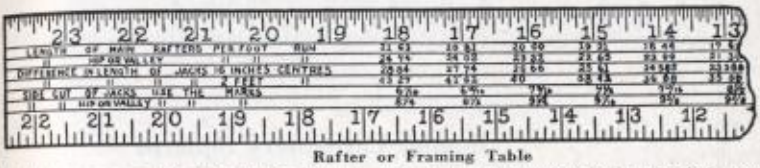
The understanding of a few simpl governing the application of this will enable the carpenter to determine easily and quickly the length of any Co Hip, Valley, or Jack Rafter for any Pitch of Roof. Also, to make the proper T Bottom Cuts, as well as Side or Check Cuts for any Rafter.

Stanley Steel Squares are made of one piece of steel and have hardened c The regular two foot squares are tapered in thickness from the angle outward so furnished unless otherwise specified.

This Little Booklet Tells You How to Read and Use a Stanley Steel Square

Send for this free booklet. It contains chapters on: Roof Framing, Common Rafters, Hip and Valley Rafters, Jack Rafters, Brace Measure, Essex Board Measure, Eight Square Scale, and also gives a page to Polygons and Their Mitres. Note: This Booklet is packed with all Stanley Two Foot Squares.

Carpenters' Steel Square Tables

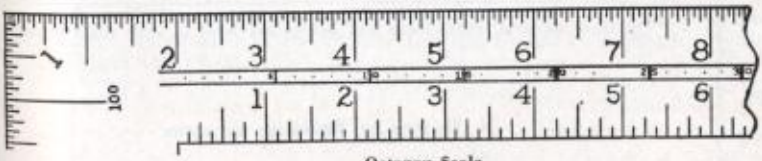


Rafter or Framing Table

This table appears on the body of the Square. It is used to determine the length of the common, valley, hip and jack rafters and the angles at which they must be cut to fit at the ridge and plate. Complete directions for reading and using are packed with each Square.

Essex Table

This table appears on the body of the Square. It shows the board measure, in feet and 12ths of feet, of boards 1 inch thick of usual length and widths. Complete directions for reading and using are packed with each Square.



Octagon Scale

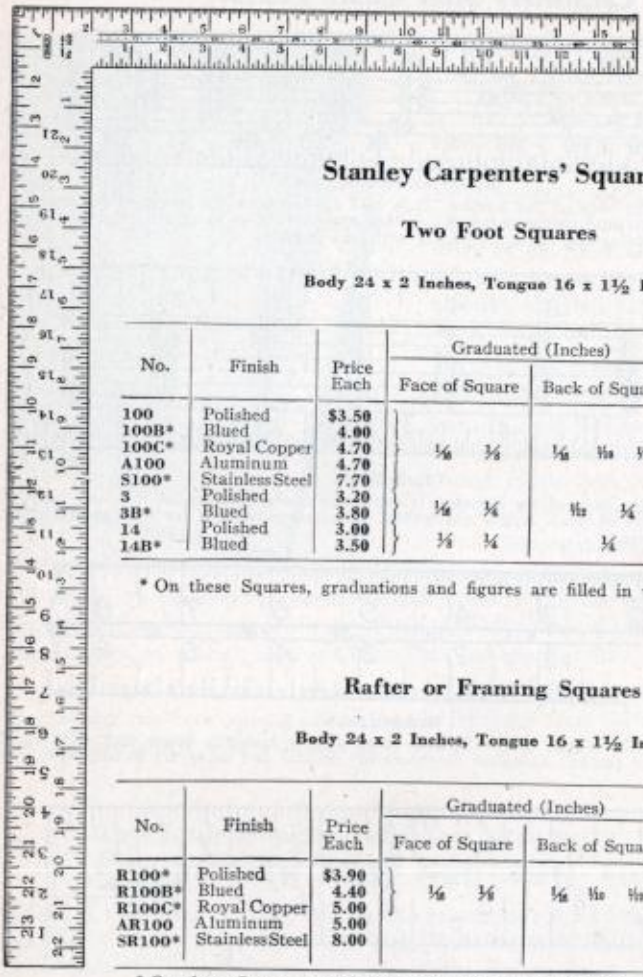
This Scale appears on the tongue of the Square. It is used to layout a figure with eight equal sides on a square piece of timber. Complete directions for reading and using are packed with each Square.

Brace Table

This table appears on the tongue of the Square. It shows the length of the Common braces. Complete directions for reading and using are packed with each Square.

Hundredths Scale

This scale appears on the tongue of the square. With a pair of dividers, decimals of an inch can be quickly obtained.



Stanley Carpenters' Squares

Two Foot Squares

Body 24 x 2 Inches, Tongue 16 x 1½ Inches

No.	Finish	Price Each	Graduated (Inches)			Table and (Described on
			Face of Square	Back of Square		
100	Polished	**$3.50**				Brace
100B*	Blued	**4.00**				Octagon
100C*	Royal Copper	**4.70**	1/16 1/8	1/32 1/16 1/32		Essex Board
A100	Aluminum	**4.70**				100ths Scale
S100*	Stainless Steel	**7.70**				
3	Polished	**3.20**				Brace
3B*	Blued	**3.80**	1/16 1/4	1/32 1/4		Essex Board
14	Polished	**3.00**				
14B*	Blued	**3.50**	1/8 1/4	1/4		Essex Board

* On these Squares, graduations and figures are filled in with white enamel

Rafter or Framing Squares

Body 24 x 2 Inches, Tongue 16 x 1½ Inches

No.	Finish	Price Each	Graduated (Inches)			Table and S (Described on
			Face of Square	Back of Square		
R100*	Polished	**$3.90**				Rafter or Fra
R100B*	Blued	**4.40**	1/16 1/8	1/32 1/16 1/32		Brace
R100C*	Royal Copper	**5.00**				Octagon
AR100	Aluminum	**5.00**				Essex Board
SR100*	Stainless Steel	**8.00**				100ths Scale

* On these Squares, graduations and figures are filled in with white enamel

Stanley Steel Squares

18 Inch Squares

No.	Size (Inches)		Finish	Price Each	Graduated (Inches)	
	Body	Tongue			Face of Square	Back of Square
18	18 x 1½	12 x 1	Polished	$2.50	1/16 1/8	1/12 1/8

One Foot Squares

No.	Size (Inches)		Finish	Price Each	Graduated (Inches)	
	Body	Tongue			Face of Square	Back of Square
12	12 x 1½	8 x 1	Polished	$2.20	1/16 1/8	1/12 1/8

Flat Steel Squares

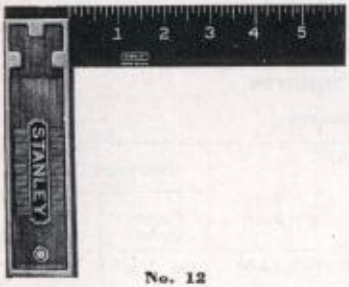
These squares are made the same thickness throughout. They do not have the same refinements as the regular squares, but make a practical tool for less important work.

No.	Size (Inches)		Finish	Price Each	Graduated (Inches)	
	Body	Tongue			Face of Square	Back of Square
F2	24 x 1½	12 x 1	Polished	$1.60	1/8	1/4

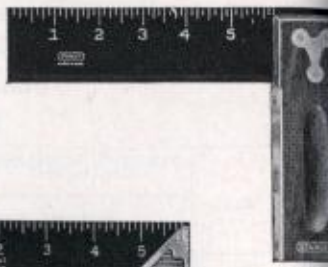
Stone Cutters' Squares—Blued Finish, White Numbers and Graduations

Similar in style to Stanley Squares Nos. 12 and 14 but graduated in 16ths on both sides of tongue and body. Designed to meet the specific needs of the Stone Cutter.

No.	Size (Inches)		Finish	Price Each	Graduated (Inches)	
	Body	Tongue			Face of Square	Back of Square
12BSC	12 x 1½	8 x 1	Blued	$3.60	1/16	1/16
14BSC	24 x 2	18 x 1½	Blued	4.35	1/16	1/16



No. 12



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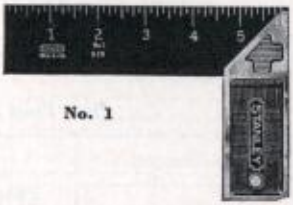


No. 1

Stanley Try and Mitre Squares

The edges of the blades are machined parallel and are square inside and out. G
ated in eighths of inches. Can be furnished with metric graduations at no extra

Try and Mitre Squares

IRON HANDLES

One edge of handle has an angle of 45°. Japanned with sides polished. Fi
and graduations stand out on gun black finish blade.

No.	Blade	Handle
1	6 in.	4 in.
	8 in.	5⅜ in.
	10 in.	6 in.

Try Squares

IRON HANDLES

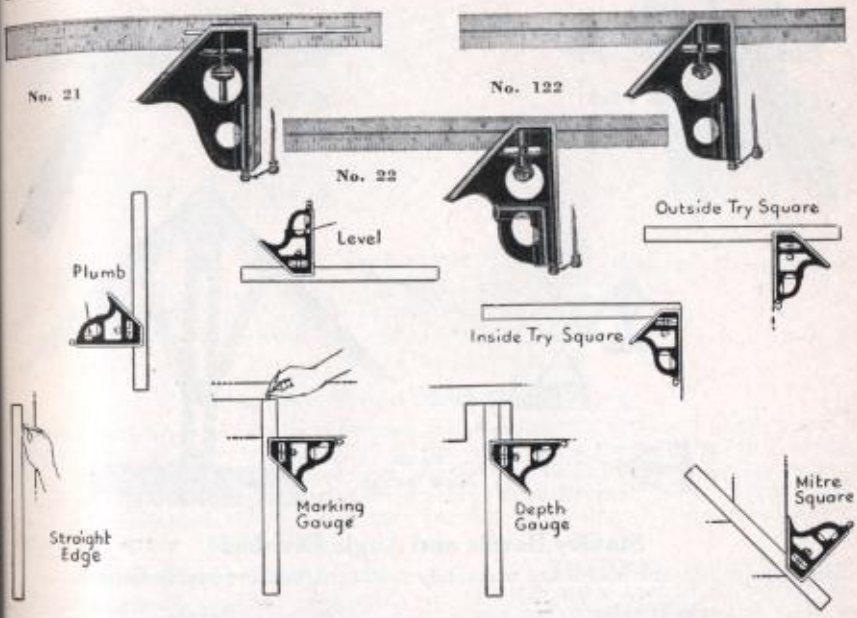
Handles japanned finish with polished sides. Blades have gun black finish. Clear, easy-to-read figures.

No.	Blade	Handle	Each
12	4 in.		$1.45
	6 in.	4⅜ in.	1.55
	8 in.	5½ in.	1.75
	10 in.	6⅝ in.	2.05
	12 in.	8 in.	2.70

ROSEWOOD HANDLES

Brass face plates. Gun black
on blades. Easy to read marking

No.	Blade	Handle
20	6 in.	4½ in.
	8 in.	5⅜ in.
	10 in.	6 in.
	12 in.	7 in.



Stanley Combination Squares

Combine the equivalent of several tools. Blade heavy narrow type, rolled tempered steel with edges ground. Graduated 8ths, 16ths, 32nds.

Handle is quality iron casting with working surfaces machined, remainder japan. Scratch Awl is in a rust-proof brass bushing.

Slotted Blade

Fitted with one Level Glass. Blade can be reversed face for face to permit right to left, or left to right reading in all graduations. Blade can be removed, but it can't come off accidentally.

No.	Length	Handle	Each
21	12 in.	4¼ in.	**$2.40**

Grooved Blade

The only Square with two Level Glasses, providing a handy 12 inch plumb or level. Handle can be moved to any point on the blade. Polished blade with etched figures and graduations.

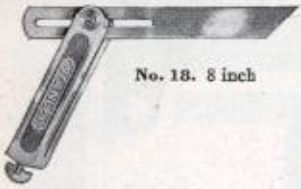
No.	Length	Handle	Each
22	12 in.	4¼ in.	**$3.00**

Grooved Blade

One level glass in handle. Handle can be moved to any point on blade. Blade has polished finish with etched figures and graduations.

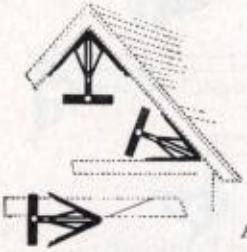
No.	Length	Handle	Each
122	9 in.	4¼ in.	**$2.40**
	12 in.	4¼ in.	**2.50**

Nos. 21 and 22 can be furnished Metric or English and Metric at no extra cost.



No. 18. 8 inch

No. 25. 8 inch



No. 30
Angle Divider

Stanley Bevels and Angle Dividers

Highest quality—the blades are accurately machined, and are highly finished.

Angle Divider

For bisecting or dividing angles. It is especially handy for fitting trim, mouldings, flooring, etc., into corners.

The corner angle first is measured accurately by adjusting the Angle Divider to fit the corner. The Center Shaft is always the center line for the two arms; thus, by laying the center shaft along the moulding or other work, the correct angle bisected (cut in half) is marked. By reversing the Angle Divider the corresponding angle can be marked on the opposite piece.

Iron Body, nickel plated. Graduated on one side for laying out 4, 5, 6, 8 and 10 sided work. The Steel Arms can be locked at any desired angle.

Can also be used as a try square.

No.	Handle	Overall	Each
30	7⅜ in.	8¼ in.	**$4.75**

Bevels

Stanley Bevels have improved l
ing devices which hold the blades fi
at any angle desired.

TROPICAL HARDWOOD HANDLES

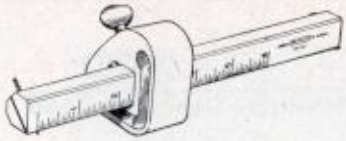
Brass tips. "Handy-Grip". Gun B
Finish on blade.

No.	Blade	Handle	
25	6 in.	4½ in.	$
	8 in.	5½ in.	
	10 in.	6½ in.	
	12 in.	7⅝ in.	

IRON HANDLES

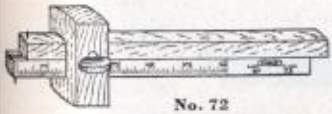
Nickel plated mirror finish. Six
size has double slot for checking
low angles.

No.	Blade	Handle	
18	6 in.	4⅛ in.	$
	8 in.	5⅛ in.	
	10 in.	6⅛ in.	
	12 in.	6⅛ in.	



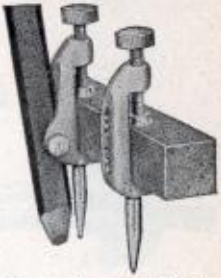
No. 65.
New Style

No. 61



No. 72

No. 28. Cornering Tool



No. 4. Trammel Points

Stanley Wood Marking Gauges

No. 65—New Style—Specially sharpened marking pin, held at proper angle, scores a knife-like line. Pin may be adjusted to correct depth and is always in full view. Design of bar and head permits free movement, yet absolute locking is possible when beam is wedged into "V" shaped opening in the head by thumb screw and shoe. Gauge is boxwood, with face plate, thumb-screw, shoe and stop screw made of brass. Graduated in 16ths for 6 inches. **$1.98** Each.

Square Head—Beech

Fixed tempered point. Boxwood thumb screw. Graduated in 16ths of inches for 6 inches.

No. **61** **$0.69** Each

Square Bars

Double Bar Gauge—Beech

They have two independent bars with a pin fastened to each. After one side of a mortise is marked, the gauge can be turned over to mark the other side.

No. **72.** Brass thumb screw. Brass shoes and stop screw. Graduated in 16ths for 6 inches. **$2.20** Each.

CORNERING TOOL

Used by pattern makers and woodworkers for rounding sharp edges. Different size cutter at each end.

No.	Cutter	Length	Each
28	1/16 in.—1/8 in.	5½ in.	**$0.75**
29	3/8 in.—¼ in.	5½ in.	**.75**

TRAMMEL POINTS

A trammel is used to lay out the distance between two points and to scribe arcs and circles beyond the capacity of ordinary dividers. For use on metal, wood, and plastics.

No. 4

These Trammel Points can be attached to one side of a straight stick or bar. Socket designed for carpenter's pencil. Clamp screw nickel plated. Points are hardened, polished and lacquered. Body has hammered grey lacquer finish.

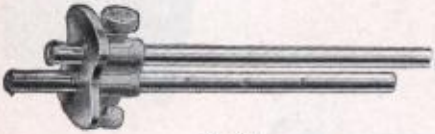
No.	Length of Points	Adjustable to	Per set
4	15/16 in.	1¼ in.	**$1.98**

No. 14

Longer Trammel Points with three inch steel points are hardened, polished and lacquered. No socket for pencil. Clamp screw nickel plated. Body has hammered grey lacquer finish.

No.	Length of Points	Adjustable to	Per set
14	3 in.	1 3/16 in.	**$1.98**

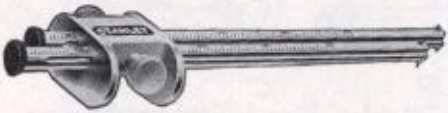
No. 90



No. 91

No. 97

No. 98



Stanley Metal Gauges

Nickel plated. The heads are carefully machined. Gauges with roller cutters especially adapted for marking across the grain, over knots, etc. The bars are inches long and are graduated in 16ths for 5 inches. They can be furnished metric graduations at no extra cost.

Marking

Single face head. Single bar. Adjustable, tempered points.

No. **90** **$1.25** Each

Marking and Mortise

Single face head. Double bar. justable, tempered point.

No. **91** **$2.20** Ea

Marking

Double faced head. Single bar. Roller cutter and adjustable, tempered point.

No. **97** **$2.20** Each

Marking and Mortise

Double face head. Double bar. R cutters and adjustable, tempered po

No. **98** **$3.30** Ea

Stanley Butt Gauge and Mortiser

This tool simplifies mortising doors and casings for 3, 3½, 4, 4½ inch butts. It gives the butt mortise size, cuts the mortise to length and serves as a guide for the back and depth cuts. Once set for a butt size it need not be changed until a different sized butt is used.

Every mortise is smooth and perfectly flat. Leaves work free from scoring cuts. Gauge remains on work until cuts are completed. Carefully machined, replaceable parts. Cutters of high quality

No. 281

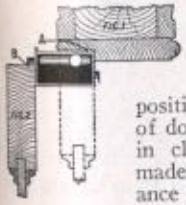
tempered steel, ready to use. Du "black diamond" fibre lines inside plate prevent dulling chisels. finish.

No. **281** 7⅜ in. long **$10.35**

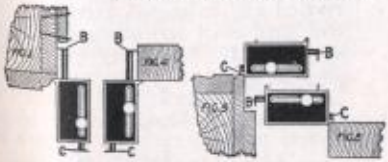
Stanley Butt Gauges

In hanging doors, there are three measurements to be marked—the location of the butt on the casing, the location of butt on the door, and the thickness of butt on both casing and door. Stanley Butt Gauges have three separate cutters arranged with the necessary clearances so that no change of setting is necessary when hanging a number of doors. They are also Rabbet Gauges, Marking Gauges, and Mortise Gauges and have a scope sufficient for all door trim including lock plates, strike plates, etc. Nickel plated.

For Gauging Casings with Rabbeted Jambs



Set Cutter A to gauge from back of rabbeted jamb (Fig. 1); Cutter B is then in correct position for gauging from edge of door (Fig. 2) which engages in closing. These cutters are made to allow sufficient clearance to enable the door to close properly without binding.



For Gauging Jambs to Which Strike is Nailed After Door is Hung

Reverse Bar to which Cutter B is attached, place Flange against edge of casing, and mark with Cutter B (Fig. 3). Use same setting of Cutter B for marking door, placing Flange against the outer edge (Fig. 4).

To Gauge for Thickness of Butt

Set Cutter C for depth; gauge from depth of jamb (Fig. 5) and from edge of door (Fig. 6).

Stanley Butt Gauge

An essential tool for professional or homecraft carpenters to lay out butt mortises in hanging doors. Setting the three separate cutters once on a Stanley Butt Gauge is all that is necessary for the job. The Gauge is used to mark for position of the butt on the door and casing, and the thickness of the butt on the door and casing. Saves time on the job. Also can be used to mark location of lock plates, strike plates, etc.

Cutter A marks from the jamb in the rabbet. Cutter B from the edge of the door engaged in closing. Cutter C marks the thickness of the butt. Graduated in 16ths for 2 inches. Nickel plated.

No. **95** **$3.60** Each

No. 42. Most popular Saw Set on the Market

No. 43

No. 442

No. 432

Stanley Saw Sets

They fit the hand naturally and comfortably, and are designed so that the sa are in plain view when the saw is set. They are quickly adjusted to give more set to the saw teeth.

"Pistol Grip"—Deluxe Quality

Body and lever handle are malleable iron with a black Japan finish. Plunger and anvil are hardened tool steel. Anvil is graduated for duplicate work. Furnished with an attachment for setting Circular Saws.

No. 42 New Design

Single action plunger provides maximum setting power with a minimum of effort. Quickly and completely adjustable. Calibrated anvil adjustment wheel with positive locking screw for securing desired setting. Graduated self-locking positive saw stop provides compensation for variation in saw blade thickness to permit increasing the amount of set per tooth when desired.

Capacity: Back, panel, hand and small circular saws, 18 gauge and thinner, having from 4 to 16 points to the inch.

Each **$3.90**

No. 43

Capacity: large cross cut saws such as buck saws, two man saws, a cular saws, 11 gauge or thinner 5 or less teeth to the inch. Each

No. 442—"Pistol Grip"—All

Made entirely of steel s riveted and lacquered green. Ha tool steel anvil and plunger. Len set is easily shifted by means knurled screw.

Capacity: back and panel 18 gauge and thinner having 10 or less to the inch. Each

Adjustable-Direct Reading

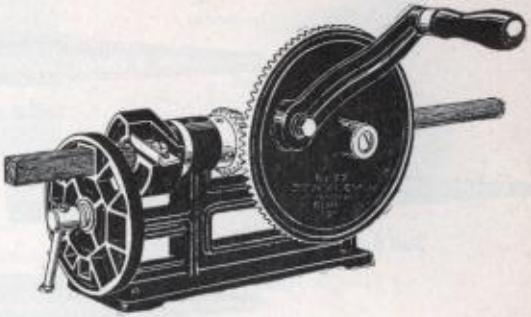
Made with a graduated whee can be moved to adjust the an 5 to 11 point saws. Malleable iro and lever; hardened tool steel an plunger.

Capacity: back and panel sa gauge and thinner having 11 po less to the inch.

No.	"Pistol Grip"
432	Lacquered Red and Black

Extra Parts are Shown on Page 191

No. 207. Bench Stop



No. 77. Dowel and Rod Turning Machine

No. 22. Dowel Sharpener

Dowel and Rod Turning Machine

A tool that will not only cut dowels of various sizes and lengths to perfect dimensions, but also may be used to form rods of practically any length.

Ready made dowels tend to warp and shrink, making them unsatisfactory when a close fit is required. With this machine you can cut dowels when you are ready to use them, using the same material as the wood being worked.

The crank can be adjusted for power or speed, as required.

One cutter head complete for making 3/8 inch dowels or rods is furnished with each machine. Additional cutter heads with cutters 1/4, 5/16, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4 inches can be furnished for **$2.80** each.

Japan finish. Black hardwood handle.

No.	Each
77	**$25.80**

DOWEL SHARPENER

For chamfering ends of dowel pins up to 3/4 inch diameter. Malleable iron. Polished. Cutting edge can be readily resharpened.

No.		Each
22	3 in. long	**$1.15**

BENCH STOP

Can be inserted in the top of a bench by boring a 5/8 inch hole. Its height is adjustable—a stiff spring holds it in position. Nickel plated.

No.		Each
207	Length 2 7/8 in.	**$1.15**

Nail Set. **No. 11—3/32 in.**

Nail Set. **No. 11¾—3/32 in.**

Center Punch. **No. 10—⅛ in.**

Center Punch. **No. 10¾—5/64 in.**

Stanley Nail Sets and Center Punches

They are made from a solid bar of high grade tool steel, hardened at both end blued. The heads are so shaped that there is little possibility of the hammer blows ping from the tool. Bodies are machine knurled, with heads and tips polished.

Nail Sets

Used to set the heads of nails below the surface of wood. The tips are cu chamfered and carefully heat treated for toughness.

SQUARE HEAD—ROUND SHANK

Square Head Prevents Rolling. Size stamped on head. Alloy Steel.

No.	Tip	Size Stock	Length	Price
11¾	1/32 in.	11/32 in.	3⅞ in.	**$0.30**
	2/32 in.	11/32 in.	3⅞ in.	**.30**
	5/64 in.	11/32 in.	3⅞ in.	**.30**
	3/32 in.	11/32 in.	3⅞ in.	**.30**
	4/32 in.	11/32 in.	3⅞ in.	**.30**

OVAL HEAD—ROUND SHANK

No.	Tip	Size Stock	Length	
11	1/32 in.	9/32 in.	3⅞ in.	
	2/32 in.	9/32 in.	3⅞ in.	
	3/32 in.	9/32 in.	3⅞ in.	
	4/32 in.	5/16 in.	3⅞ in.	

Center Punches

Used to make starting holes in wood, fibre, etc., for screws or drills. Tips ar curately shaped so that the extreme point is always in the center of the tool.

Round knurled shanks. No. 10 has oval head. No. 10¾ has square head to pr rolling.

No.	Tip	Size Stock	Length	Price
10¾	⅛ in.	11/32 in.	3⅞ in.	**$0.30**
	5/32 in.	11/32 in.	3⅞ in.	**.30**

No.	Tip	Size Stock	Length	
10	⅛ in.	5/16 in.	3⅞ in.	
	5/32 in.	5/16 in.	3⅞ in.	

No. 1. Scratch Awl

No. 17. Brad Awl

No. 7. Scratch Awl

No. 117. Scratch Awl

No. B. Ice Pick

Stanley Awls

Famous for quality and durability. The points are hand forged, specially toughened and tempered. Selected hardwood handles are comfortably shaped.

Scratch Awls are used to make a center point in wood and light metal as well as scribing lines on wood, metal, etc. Brad Awls are useful for making starting holes for brads, cup hooks, etc., in wood.

Scratch Awl

Tempered steel blade held securely in the handle by two ears swaged on the shank. Black finish handle.

No.	Blade	Diam.	Overall	Each
1	3½ in.	3/16 in.	6⅞ in.	**$0.30**

"Hurwood" Scratch Awls

Blade, shank and head forged from one piece of finest steel. Rivet through ferrule, handle and shank securely fastens blade in handle. Black finish handle. Flat sides on handle prevent rolling and give a good grip.

No.	Blade	Diam.	Overall	Each
6	2¾ in.	7/32 in.	5⅞ in.	**$0.70**
7	3½ in.	¼ in.	6½ in.	**.80**

Scratch Awl

Strong tool for tough use. Steel bar extends through handle, connecting with solid steel cap on top. Hardwood handle is fluted to prevent rolling. Natural finish.

No.	Blade	Diam.	Overall	Each
117	3½ in.	7/32 in.	6⅝ in.	**$0.45**

Brad Awl

Rivet through ferrule handle and shank fastens blade in the handle. Black finish hardwood handle.

No.	Width Tip	Blade	Overall	Each
17	3/32 in.	1¼ in.	5¼ in.	**$0.60**
	⅛ in.	1½ in.	5½ in.	**.60**

Stanley Ice Pick

Tempered steel point. Bar held in handle by two ears swaged on the shank. Flat sides on hardwood handle provide a good grip. Handle natural wood finish.

No.	Blade	Diam.	Overall	Each
B	5¾ in.	7/32 in.	9 in.	**0.70**

Stanley Electric Soldering Irons

High quality tools for continuous, uninterrupted service on production lines, in dustrial plants, radio repair shops, tinning shops and other places where the dema on an iron are severe. Sealed end of heating heads protects the "built-in" windi and cores from air, flux fumes and moisture. Hardwood handles are cool, c fortable and removable. Six-foot approved heater cord attached to each Iron. M in sizes to satisfy all users.

Screw Tip Irons—Tips have a threaded stud and an accurate beveled shoul which fits snugly into a correspondingly beveled socket in heating head.

Plug Tip Irons—Tips fit into a bore in the heating head and are held in posit by a set screw.

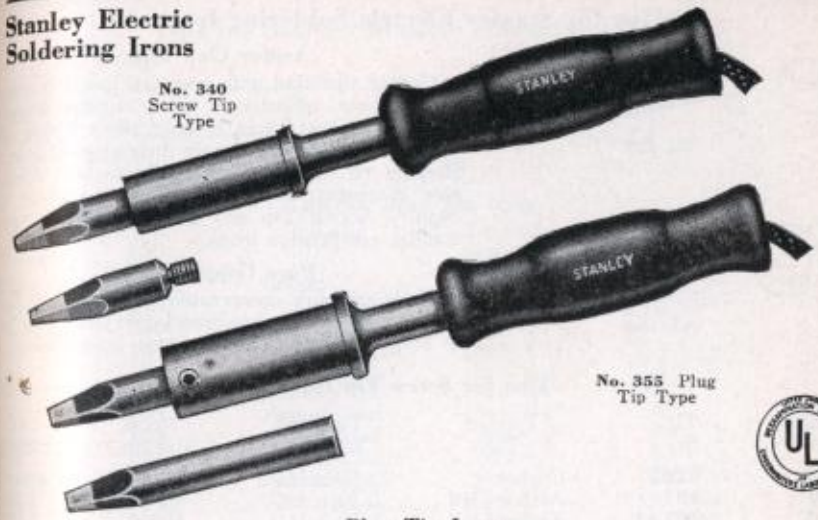
Screw Tip Irons

Operate on AC or DC. Regularly Stocked in Standard Voltages.

No.	Watts	Equal to Old Style Copper	Tip Dia. In.	Wgt. Less Cord (Oz.)	Overall Length Inches	A FEW OF THE USES	Price Complete Iron	Replace Tip	He
320 / 3201	62 / 75	½ lb.	1/16	8½	12½	Very light radio, telephone, electric appliance and fine instrument making and repairing, and for home use.	$10.20	$0.85	$
330 / 3301	80 / 115	1 lb.	½	10½	12¾	Medium soldering on telephone, radios, electrical appliances, toys, etc. Medium iron for servicemen.	10.80	.95	
340 / 3401	115 / 175	1½ lbs.	5/16	13	13	Fast soldering on radios, telephones, electrical appliances, jewelry, etc. For light medium jobs in home, factory and schools. Ideal for servicemen.	11.35	1.05	
350	165	2 lbs.	⅞	18	13¼	High speed soldering on radios, telephones. Medium light soldering on tinware, toy motors, type bars, fuses, etc., tinsmithing, plumbing and wiring.	12.35	2.05	1
360	215	2½ lbs.	1	22	13½	High speed soldering on light tinware, art glass, toys, small metal patterns, organ pipes, etc.	13.65	2.40	1
370	270	3 lbs.	1⅛	27	14	Medium tinware, light roofing, gutters, ventilating flues; electrical, airplane and other medium manufacturing; ship repairs.	16.95	4.15	1
380	375	4 lbs.	1⅜	38	14	Roofing, refrigerators, copper and galvanized iron, heavy tinware, metal patterns, ship, auto and airplane building.	18.15	4.75	1
390	475	5 lbs.	1⅜	49	14¼	Heavy roofing and cornices, vats, tanks, ventilating flues, auto radiators, armature, plumbing and shipbuilding.	20.45	4.75	1

REPLACEMENT PARTS FOR ALL IRONS—HANDLE $1.05, CORD AND PLUG $

Stanley Electric Soldering Irons



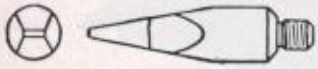
Plug Tip Irons

Operate on AC or DC. Regularly Stocked in Standard Voltages.

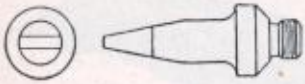
No.	Watts	Equal to Old Style Copper	Tip Dia. In.	Wgt. Less Cord (Oz.)	Over-all Length Inches	A FEW OF THE USES	Price Complete Iron	Replacement Tip	Replacement Heating Head
345	105	1½ lbs.	⅜	12¾	13	Light radio, telephone and electrical appliances, fine instrument making and repairs. Also for servicemen and for miscellaneous light soldering around home, school, hotel.	$11.35	$0.75	$9.30
3451	130	1½ lbs.	⅜	12¾	13		11.35	.75	9.30
355	150	2 lbs.	½	15¼	13⅛	Medium soldering on radio, telephone, typewriters and electrical appliances, wiring, fuses, toys, jewelry. For servicemen and for general light use.	11.85	.95	9.95
3551	200	2 lbs.	½	15¼	13⅛		11.85	.95	9.95
365	200	2½ lbs.	⅝	18	13¼	High speed radio, telephone, electric appliances, motors, wiring, small metal patterns, art glass and maintenance on airplane, automobile and ship.	12.95	1.85	10.65
385	350	4 lbs.	⅞	23	13⅝	Rugged Iron for heavier work, refrigerators, motors, gutters and leaders, ventilating flues, metal patterns, plumbing, and on automobile, airplane, shipbuilding and general maintenance.	15.90	2.50	12.80

REPLACEMENT PARTS FOR ALL IRONS—HANDLE $1.05, CORD AND PLUG $1.15

Tips for Stanley Electric Soldering Irons



No. 121



No. 154

Armor Clad Tips

Copper tips clad with a special metal coa
Offer these advantages over regular co
tips: Last over three to four times longe
production soldering. Retain their original s
Require no filing yet are easily tinned. A
able in regular sizes and special shapes
Stanley Screw Tip and Plug Tip Irons,
leading competitive irons.

Pure Copper Tips

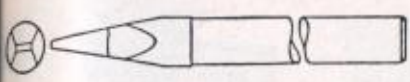
Made of pure compressed high conduct
copper. Accurately machined for valve-se
in Irons to insure effective heat conductio

Tips for Screw Tip Irons

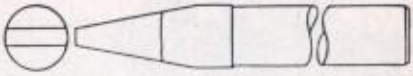
Stanley Iron No.	Tip No.	Type of Tip	Tip Body Size (in.)	Point Size (in.)
320	**320T**	Copper	7/16 x 1½	3/16 x 1/16
320	**121**	Armor Clad	7/16 x 1½	3/16 x 1/16
320	**121A***	Armor Clad	7/16 x 1½	3/16 x 1/16
320	**197**	Armor Clad	7/16 x 1½	3/16 x .045
330	**330T**	Copper	½ x 1¾	3/16 x 1/16
330	**127**	Armor Clad	½ x 1¾	3/16 x 1/16
330	**127A***	Armor Clad	½ x 1¾	3/16 x 1/16
340	**340T**	Copper	9/16 x 2	3/16 x 1/16
340	**122**	Armor Clad	9/16 x 2	3/16 x 1/16
340	**124**	Armor Clad	9/16 x 2	5/16 x 5/64
340	**126**	Armor Clad	9/16 x 2	⅛ x 1/16
350	**350T**	Copper	⅞ x 2¼	⅜ x ⅛
350	**155**	Armor Clad	⅞ x 2¼	⅜ x ⅛
350	**078**	Armor Clad	⅝ x 2	3/16 x 1/16
350	**078A***	Armor Clad	⅝ x 2	3/16 x 1/16
350	**079**	Armor Clad	⅝ x 2	5/16 x 5/64
350	**113**	Armor Clad	⅜ x 2¼	3/16 x 1/16
350	**125**	Armor Clad	⅜ x 2¼	⅛ x 1/16
350	**146**	Armor Clad	17/32 x 1 11/16	17/32 x 5/32‡
350	**154**	Armor Clad	⅜ x 1¾	11/64†
360	**360T**	Copper	1 x 2 7/16	7/16 x ⅛
360	**156**	Armor Clad	1 x 2 7/16	7/16 x ⅛
360	**123**	Armor Clad	⅝ x 2	5/16 x 5/64
370	**370T**	Copper	1⅛ x 2⅝	½ x 5/32
370	**157**	Armor Clad	1⅛ x 2⅝	½ x 5/32
380	**380T**	Copper	1⅜ x 2⅞	½ x 3/16
380	**158**	Armor Clad	1⅜ x 2⅞	½ x 3/16
390	**380T**	Copper	1⅜ x 2⅞	½ x 3/16
390	**158**	Armor Clad	1⅜ x 2⅞	½ x 3/16

* Special Tinning for use in telephone exchanges. † Conical Blunt. ‡ Blunt.

Tips for Stanley Electric Soldering Irons



No. 147



No. 151

Tips for Plug Tip Irons

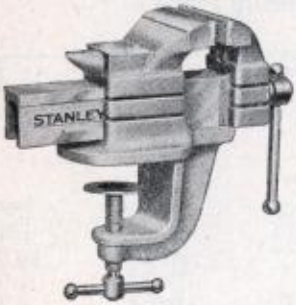
Stanley Iron No.	Tip No.	Type of Tip	Tip Body Size (in.)	Point Size (in.)	Price Each
345	**345T**	Copper	3/8 x 4	5/16 x 5/64	**$0.75**
345	**148**	Armor Clad	3/8 x 4	5/16 x 5/64	**1.75**
345	**256**	Armor Clad	3/8 x 4 3/4	7/16†	**1.75**
345	**147**	Armor Clad	3/8 x 4	3/16 x 1/16	**1.75**
345	**190**	Armor Clad	3/8 x 4	3/64 x 75°**	**2.15**
345	**191**	Armor Clad	3/8 x 4 1/2	5/32†	**1.75**
345	**192**	Armor Clad	3/8 x 4 1/2	3/16†	**1.75**
345	**193**	Armor Clad	3/8 x 4 1/2	7/32†	**1.75**
345	**273**	Armor Clad	3/8 x 4	3/64 x 3/16	**1.85**
345	**285**	Armor Clad	3/8 x 4 1/2	3/64 x 3/64	**2.70**
345	**286**	Armor Clad	3/8 x 4 1/2	1/8 x 3/64	**2.70**
345	**289**	Armor Clad	3/8 x 4 1/2	15/64 Diam.	**2.25**
355	**355T**	Copper	1/2 x 4	5/16 x 5/64	**.95**
355	**150**	Armor Clad	1/2 x 4	5/16 x 5/64	**2.05**
355	**149**	Armor Clad	1/2 x 4	3/16 x 1/16	**1.95**
355	**151**	Armor Clad	1/2 x 4	17/32 x 5/32‡	**1.95**
355	**199**	Armor Clad	1/2 x 4	1/4 x 3/64	**2.05**
365	**365T**	Copper	5/8 x 4 1/8	5/16 x 5/64	**1.85**
365	**152**	Armor Clad	5/8 x 4 1/8	5/16 x 5/64	**3.10**
365	**153**	Armor Clad	5/8 x 4	17/32 x 5/32‡	**2.90**
365	**301**	Armor Clad	5/8 x 4	3/16 x 1/16	**3.10**
385	**385T**	Copper	7/8 x 4 1/8	3/8 x 1/8	**2.50**
385	**162**	Armor Clad	7/8 x 4 1/8	3/8 x 1/8	**3.40**
—	**194**	Armor Clad	1/4 x 4 1/2	.218†	**2.05**
—	**353**	Armor Clad	1/4 x 3 1/2	1/16 x 1/16	**2.05**
—	**361**	Armor Clad	1/4 x 3 1/2	1/8 x 1/32	**2.05**

† Conical Blunt. ‡ Blunt. ** Roof Top.

Stanley-Victor Soldering Irons

Popular priced Irons for light or intermittent soldering jobs in home, garage, repair and service shops. Operate on either A.C. or D.C. 110-120 volts. Compressed pure copper tips, replaceable. Ni-chrome heating element solidly embedded in electrical insulating materials. Cool, comfortable hardwood handle, black finish. Six-foot approved heater cord with rubber plug. Gun black finish on heating head.

No.	Watts	Tip Diam. (In.)	Wgt. Less Cord (Oz.)	Price Each
420	50	1/2	6 1/4	**$3.39**
435	80	3/4	9 1/4	**4.65**
450	140	1	12 3/4	**5.39**



No. 766

No. 746

New, Improved Design! Stanley Vises with Clamp Base

Ideal Vises for homeworkshop use, and as sturdy auxiliary Vises for servic and mechanics in every line of work. Strong iron castings. Hardened thrust be under screw head. Spring thrust screw retainer gives slack-free jaw and screw co

No. 761 line Vises are equipped with removable, diamond checked face steel No. 741 line Vises have solid, smooth face iron jaws.

All Vises are attractively finished and can be clamped to a bench up to 2⅛ in. t

Removable Steel Jaws				Iron Jaws			
No.	Jaws	Jaws Open	Price	No.	Jaws	Jaws Open	
761	1½ in.	1¾ in.	**$7.20**	**741**	1½ in.	1¾ in.	$
763	2 in.	2 in.	**7.75**	**743**	2 in.	2 in.	
765	2½ in.	2⅜ in.	**9.30**	**745**	2½ in.	2⅜ in.	
766	3 in.	3 in.	**10.85**	**746**	3 in.	3 in.	

No. 700

Woodworkers Vise—Clamps on Bench To 2¼" Thick

Attached to the end of a carpenter's horse

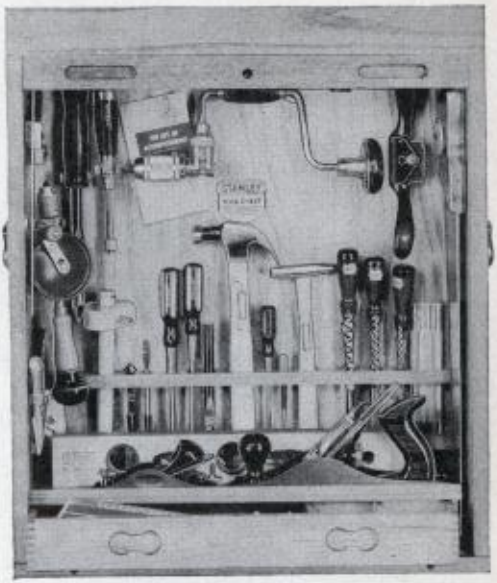
Attached to the end o bench

Light enough to carry from job to job. Clamped carpenter's horse, it will hold doors, sash, etc., or be attached to a bench for ordinary work.

"L" shaped jaws designed to hold work firmly, horizontally as well as vertically. faces covered with tempered presdwood, easily replaceable when worn. Slack-free and screw control insure rigidity and easy operation. Steel parts are nickel plate rest of tool is finished in grey enamel with red trim.

No. **700** Jaws 5 in. wide horizontally, 4⅜ in. wide vertically, open to 3½ in. Price $

STANLEY
TOOLS
N SETS



No. 951
ROLL-UP
SET

$122.00 Complete

The best and most complete set of Stanley Tools—twenty-nine tools in a handsome chest with roll-up front and drawer for small items. Chest is 23 inches wide, 7¾ inches deep, and 27¾ inches high.

Contains 29 Tools

Nail Hammer, 13 oz., No. 52
Zig-Zag Rule, 6 ft., No. 106
Screw Driver, 5 in., No. 70
Screw Driver, 4 in., No. 75
Screw Driver, 3 in., No. 77
Screw Driver Bit, 5/16 in., No. 26
Hand Drill with 8 Drill Points, No. 1220
"Yankee" Push Drill with 8 Drill Points, No. 45
Bit Brace, 8 in., No. 915
Auger Bits, 4/16, 6/16, 8/16 in., No. 100
Combination Square, 12 in., No. 122
Level, 18 in., No. 347
1 Nail Set, 2/32 in., No. 11¾
1 Bench Plane, No. 5¼
1 Block Plane, No. 9¼
3 Chisels, ¼, ½, 1 in., No. 750
1 Tack Hammer, 5 oz., No. 165
1 Spoke Shave, No. 51
1 Marking Gauge, No. 65
1 Cold Chisel, ½ in., No. 74
1 Countersink, No. 139
1 Trimming Knife, No. 299
1 Soldering Iron, 80 watts, No. 435
1 Cross Cut Saw, 20 in.
1 Pair Pliers
"The Joy of Accomplishment" booklet

Stanley Tools in Sets

Hobby House Set

No. **910** **$79.00** Complete

A top notch set of twenty-eight Stanley Tools for the man or boy who enjoys woodworking. Hinged panel on chest holds the smaller tools. Sturdy oak chest is stained and varnished and when closed it measures 11¾ inches wide, 7¼ inches deep, and 29 inches high.

Contains 28 Tools

1 Nail Hammer, 16 oz., No. 101½
1 Zig-Zag Rule, 6 ft., No. 856
2 Screw Drivers, 3 and 5 in., No. 70
1 Screw Driver, 3 in., No. 177
1 Phillips Screw Driver, No. 2741
1 Hand Drill with 8 Drill Points, No. 1220
1 Bit Brace, 10 in., No. 945
2 Auger Bits, 4/16 and 6/16 in.
1 Combination Square, 12 in., No. 122
1 Level, 18 in., No. 347
1 Vise, No. 1207
2 Chisels, ½ and 1 in., No. 750
1 Marking Gauge, No. 61
1 Bench Plane, No. 4
1 Block Plane, No. 220
1 Ripping Bar, 18 in., No. 118
1 Cold Chisel, ½ in., No. 74
1 Nail Set, 2/32 in., No. 11¾
1 Trimming Knife, No. 299
1 Cross Cut Saw, 22 in.
1 Stillson Wrench, 10 in.
1 Mill File, 8 in.
1 Slim Taper File, 6 in.
1 Pair Pliers
1 Countersink, No. 139
"The Joy of Accomplishment" booklet

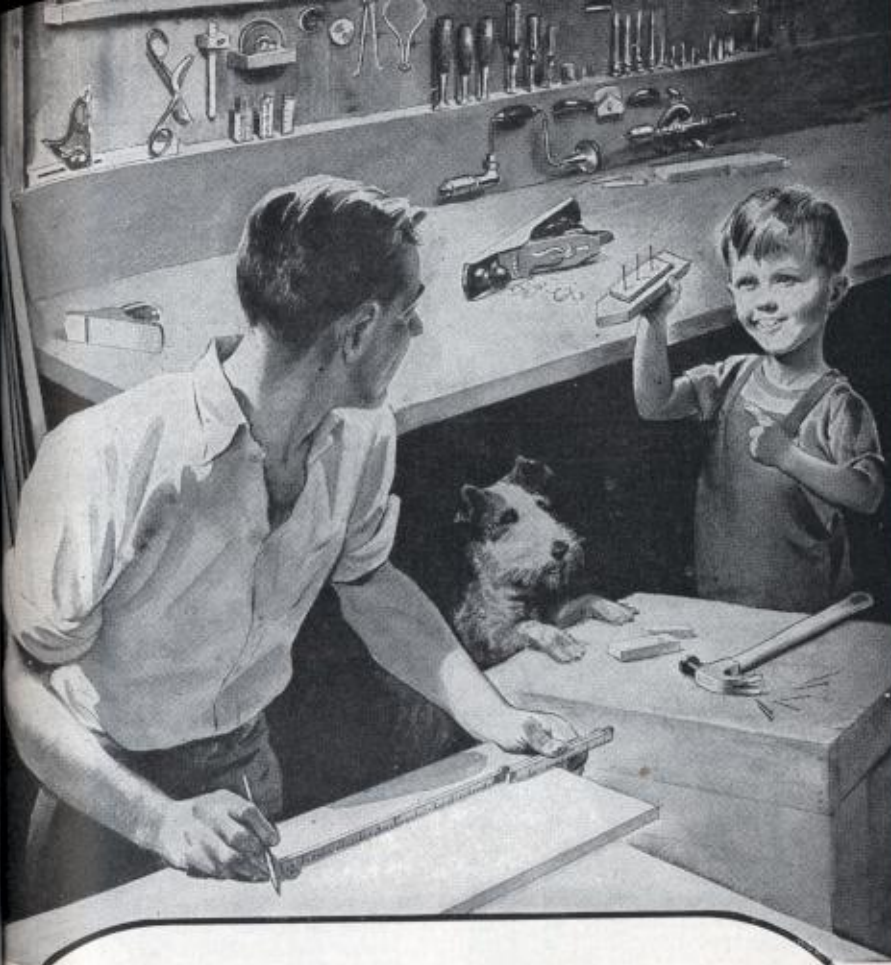
Woodworker's Set

No. **907** **$51.00** Comp

A good assortment of Stanley for the hobbyist and seasoned worker. Packed in a sturdy oak nicely finished. Size of chest: inches wide, 4⅜ inches deep, 25 long.

Contains 19 Tools

1 Nail Hammer, 13 oz., No. 102
1 Zig-Zag Rule, 6 ft., No. 856
1 Screw Driver, 4 in., No. 70
1 Screw Driver, 3 in., No. 77
1 Hand Drill, No. 1221
2 Drill Points in Envelope
1 Bit Brace, 8 in., No. 965N
2 Auger Bits, 4/16 and 6/16 in.
1 Try Square, 8 in., No. 20
1 Chisel, ¼ in., No. 750
1 Chisel, ⅜ in., No. 750
1 Vise, No. 1207
1 Nail Set, 2/32 in., No. 11
1 Bench Plane, No. 3
1 Torpedo Level, No. 259
1 Cross Cut Saw, 20 in.
1 Pair Pliers, 6 in.
1 Plan Set
Package Sand Paper



HOME WORKSHOP TOOLS, BOOKS AND PLANS

Woodworking As a Hobby

There is a tremendous and growing interest in woodwork as a hobby. More and more boys, and men from all walks life are finding pleasure, satisfaction and relaxation in t home workshops. Naturally when a person starts his works he is in some doubt as to the first tools to buy. As a result have received many requests for a list of tools that will as a proper selection for woodworking. This is given below on the following pages.

The expense of procuring the tools listed should not be couraging if you begin with the minimum set which we listed as Primary Tools. The other tools may be added as need presents itself.

A work bench can be bought or made at home. If you de to make your bench, Stanley Plan Book or Stanley Plan No. 11 will give you all the necessary details. On pages and 129 you will find complete information about the Sta Plans that are available.

On the list of tools below, we have starred (*) a few of the common tools recommend for persons who live in an apartment and who want just a few tools handy repairs, such as planing doors that stick, making shelves, etc.

Be sure you get good tools. We cannot emphasize this too strongly. The long of a quality tool makes it decidedly more economical. A tool that is designed and m right will give you confidence as you use it. Manufacturers put their names on qu tools and make every effort to guard against defects in material and workmans This assurance of quality is well worth the small difference in price. Good tools, good friends, wear well. You will take pride in their possession.

Select your tools carefully, and gradually add to your set as required.

Primary Tools for a Home Workshop

	Stanley No.	*Page No.*
*1 Nail Hammer 13 oz.	52	133
1 Combination Square 12"	21	109
*1 Screw Driver 4" blade	20	80
1 Marking Gauge	65	111
1 Jack Plane 14"	5	34
or		
*1 Junior Jack Plane 11½"	5¼	34
1 set (13 pcs.) Auger Bits ¼" to 1" (Russell Jennings)	100	181
1 Ratchet Brace 8" or 10" sweep	923	63
1 set (6 pieces) Pocket Chisels, sizes ¼", ½", ¾", 1", 1¼", 1½"	40	93
1 Combination Oil Stone, fine and coarse 8" x 2" x 1"	..	..
1 Oiler	..	..
1 each Nail Set 3/32" tip and 5/32" tip	11¾	116
*1 Brad Awl 1½" blade	17	117
1 Rule 2' folding	61	19
*1 Rule 6' Pull-Push	6386	
or		
1 Rule 6' Zig Zag	106	
1 Hand cut off Saw 24"—10 pt.	..	
or 22" may be desired	..	
1 Hand rip Saw 26"—5 pt.	..	
1 Hand Back Saw 12"—14 pt.	..	
1 Sloyd Knife	..	
*1 Block Plane 6"	118	
1 Auger Bit Gauge	49	
*1 Screw Driver 6", small blade	55	
*1 Hand Drill, ¼" chuck	1610	
*1 pr. Combination Pliers 6"	..	
Workbench, equipped with woodwo vise, practical sizes:		
60" long x 24" wide x 32" high		
52" long x 22" wide x 32" high		
42" long x 22" wide x 32" high		

Tools to be Added As Needed

	Stanley No.	Page No.
1 Coping Saw, extra saw blades.	..	..
1 Screw Driver, small 3" blade	146	79
1 Screw Driver, large 6" blade..	20	80
1 pr. Dividers 8".....	..	..
1 Smooth Plane 9" or 8".....	3, 4	34
1 Steel Square 24" x 16".....	100	106
1 T Bevel 8" blade.....	18	110
1 Cabinet Scraper.....	80	56
1 Burnisher	185	57
1 Half Round Cabinet Rasp 10".	..	..
1 Half Round Cabinet File 10"..	..	..
1 Smooth Mill File 10".....	..	..
1 Auger Bit File.....	..	..
1 Slim Taper Saw File 8".....	..	..
1 Round Bastard File 10".....	..	..
1 Flat Bastard File 10".....	..	..
6 File Handles for above.....	..	..
1 Wire Filecard	..	..
1 "Yankee" Automatic Drill....	41	168
1 "Yankee" Spiral Screw Driver	130A	169
1 Expansive Bit, large size, capacity ⅜" to 2½" with extra cutter (Russell Jennings)....	P71	182
1 each Bit Stock Drill with square shank, 1/16", 3/32", ⅛", 5/32", 3/16", 7/32"	..	..
1 each Straight Shank Carbon Drills for hand drill, 1/16", 5/64", 3/32", 7/64", 1/32", 9/64", 5/32", 11/64"	..	..
1 Countersink ¾" (for Bit Brace)	139	67
1 Countersink — Round Shank (for Hand Drills)	137	67
1 Mallet 3" face.....	..	..
1 Dowel Jig with 6 guides.....	59	72
2 Screw Driver Bits 5/16", ⅜"..	26	83
3 Gouges, outside bevel, ¼", ½", 1"	..	..
1 Hand Axe 19".....	..	..
1 Nail Hammer 7 oz.....	53	133
1 Nail Hammer 16 oz.....	51½	133
1 Riveting Hammer 4 oz.....	230	140
1 Level 24"	23	25
1 Draw Knife 10".....	..	..
1 Ripping Bar 18".....	118	155
1 Jointer Plane 22".....	7	34
or Fore Plane 18".....	6	34
1 Rabbet Plane	78	43

	Stanley No.	Page No.
1 Router Plane	71	50
1 Scrub Plane	40	41
1 Combination Plane (55 cutters)	55	46
or		
1 Combination Plane (23 cutters)	45	48
1 Plumb Bob	..	..
1 Saw Set	42	114
1 Compass Saw 14".....	..	..
1 pr. Tinner's Snips 10".....	..	..
1 "Yankee" vise with swivel base,	1992	179
1 Pipe Wrench Stilson type 14"	..	..
1 Monkey Wrench 8".....	..	..
1 Open End Wrench 8".....	..	..
1 Glue Pot and Glue Brush.....	..	..
1 Putty Knife	..	..
1 Scratch Awl	6	117
1 Spoke Shave	151	51
1 Spoke Shave convex bottom..	63	51
1 Electric Grinder 7" wheels for plane irons and chisels and general grinding, 110 A.C. 60 cycles	677	..
or Hand Grinder.....	..	..
1 pr. Trammel Points	4	111
1 Soldering Iron, electric	340	118
1 Caliper Rule 1 ft.....	36½	20
1 Cold Chisel ¾"	997	147
1 Mortise Gauge	98	112
1 Breast Drill	741	71
1 Center Punch 5/64" tip.....	10	116
2 Cornering Tools 28-29		111
1 Dowel Sharpener	22	115
1 Hammer Ball Pein 12 oz.....	309	137
1 Hammer, Upholsterers'	601	141
1 Mitre Box with 26" saw.....	2246	99
1 Hack saw adj. and six 12" blades	..	..
1 Dovetail Saw 6" blade.....	..	..
1 Glass Cutter, 1 Bench Duster	...	..
2 C Clamps 4" and 2 C Clamps 8"	..	..
2 Adjust. Hand Screws 6" Jaws.	..	..
2 Adjust. Hand Screws 8" Jaws.	..	..
2 Adjust. Hand Screws 10" Jaws	..	..
2—4 ft. and 2—6 ft. Bar Clamps	..	..

STANLEY PLAN SETS—10¢ Per Set

You can obtain a wealth of ideas for things to make from these Plan Sets. of the projects can be made for gifts or for your own home. Each set contain different plans, as listed, printed on 8½" x 11" pages, punched for looseleaf note

Set No. 1—Hanging Shelves—10c

Contains These Plans:

Hanging Shelf with Drawer
Shelves for Recipes
Wall Shelf
What-Not Shelf
Corner Shelf

Set No. 2—Table Lamps—10c

Contains These Plans:

Modernistic Lamp
Night Lamp
Lamp and Pipe Rack
Lamp with Ash Tray
Modern Table Lamp

Set No. 3—Trays—10c

Contains These Plans:

Tid-Bit Tray
Tea Tray
Serving Tray
Pencil Tray
Tid-Bit Tray

Set No. 4—Bedside and Small Tables—10c

Contains These Plans:

Bedside Table
Coffee Table
Tilt Top Table
Oriental Table
Bedside Table

Set No. 5—Small Gift Projects—10c

Contains These Plans:

Stationery Holder
Book Ends
Door Knocker
Frame for Snapshots
Modernistic Book Ends

Set No. 6—Small Gift Projects-

Contains These Pl

Flower Pot Holder
Turkey Book Ends
Desk Pen Holder
Modern Book Ends
Mint Dish

Set No. 7—Mirrors, Table Footstool—10c

Contains These Pl

Black and Gold Mirror
Colonial Table
Colonial Split-Column Mirror
Foot Stool
Ship's Wheel Mirror

Set No. 8—Smoking and Mag Stands—10c

Contains These Pl

Combination End Table
Book and Magazine St
Magazine Stand
Smoking and Magazine Stand
Smoking and Magazine Holder

Set No. 9—Boxes and Chests-

Contains These Plans:

Treasurer Chest
Shoe Shine Box
Treasure Chest
3" x 5" Card File
Pipe Rack & Humidor

Set No. 10—Ta and Stands—1

Contains These Pl

Smoking or Fern Stan
Pipe Rack
Card and Game Table
Coffee Tray and Stand
Smoking Stand

PLEASE FILL IN
and
MAIL THIS POST CARD

My Trade Is . . .

☐ WOODWORKING
☐ AUTOMOTIVE
☐ PLUMBING
☐ SHEET METAL
☐ BRICKLAYING
☐ ELECTRICAL

☐ WOODWORKING IS MY HOBBY

☐ I AM A HOME OWNER—INTERESTED IN TOOLS FOR HOME USE

My Name _____

Address _____

City and State _____

My Occupation _____

☐ PLEASE PUT ME ON YOUR MAILING LIST FOR HOME WORKSHOP NEWS.

PRINTED IN U. S. A.

POST CARD

Place
Stamp
Here

STANLEY TOOLS

ADVERTISING DEPARTMENT

NEW BRITAIN, CONN., U.S.A.

Set No. 11—Workshop Equipment Lawn Chair—10c

Contains These Plans:

Sturdy Work Bench
Large Tool Chest
Tool Cabinet
Saw Horse
Adirondack Lazy Chair

Set No. 12—Household Articles—10c

Contains These Plans:

Portable Sewing Stand
Window Cornices
Pipe Rack and Shelf
Sewing Table
Book & Magazine Rack

Set No. 13—Coffee Table, Bookshelf, End Table, etc.—10c

Contains These Plans:

Drop Leaf Coffee Table
Wall Bookshelf
End Table
Fireplace Book Ends
Circus Toy

Set No. 14—Bird Houses and Garden Furniture—10c

Contains These Plans:

Bird Houses
Rustic Bird Houses
Garden Trellis
Garden Seat
Bird Nesting Shelter
Feeding Box

Set No. 15—Colonial Furniture—10c

Contains These Plans:

Magazine Case
Book and Magazine Stand
Book Stand
Magazine Stand
Bench

Set No. 16—Toys—10c

Contains These Plans:

Toy Wheelbarrow
Rocking Horse
Kiddie Push Car
Scooter
Toy Wagon

Set No. 17—Folding Tables and Trays—10c

Contains These Plans:

Collapsible Bed Tray
Combination Tray
Folding Snack Table
Picnic Case and Table
Match Box Holder

Set No. 18—Tables—10c

Contains These Plans:

Folding Coffee Table
Colonial Nest of Tables
Folding Card Table
Nest of Plain Tables
Revolving Book Stand and Table

Set No. 19—Household Articles—10c

Contains These Plans:

Dressing Glass
Bedside Chest of Drawers
Unique Sewing Kit
Portable Towel Rack
Child's Rocker

You can order these Plan Sets by writing direct to:

STANLEY TOOLS
New Britain, Conn.

Send check or stamps with your order

Stanley Books and Plans

Early American Designs
Series A—Fifteen Designs—**25¢**
Series B—Fifteen Designs—**25**
Series C—Fifteen Designs—**25**

Hobbyists find these packets full of worthwhile projects. Many of the designs adapted from museum pieces that make excellent projects for gifts or for the h Each packet contains fifteen designs—all different.

Workshop Patterns
P1—Six Toy Patterns—**25¢**
P2—Six Toy Patterns—**25¢**
P3—Six Woodworking Patterns—

With these patterns, there are no calculations to make, or blueprints to follow. trace the designs on the wood. P1 and P2 series each contain six different toy terns—small size requiring a minimum of wood. P3 series contains six patterns Wall Plaque, Wall Shelf, Phone Holder, etc.

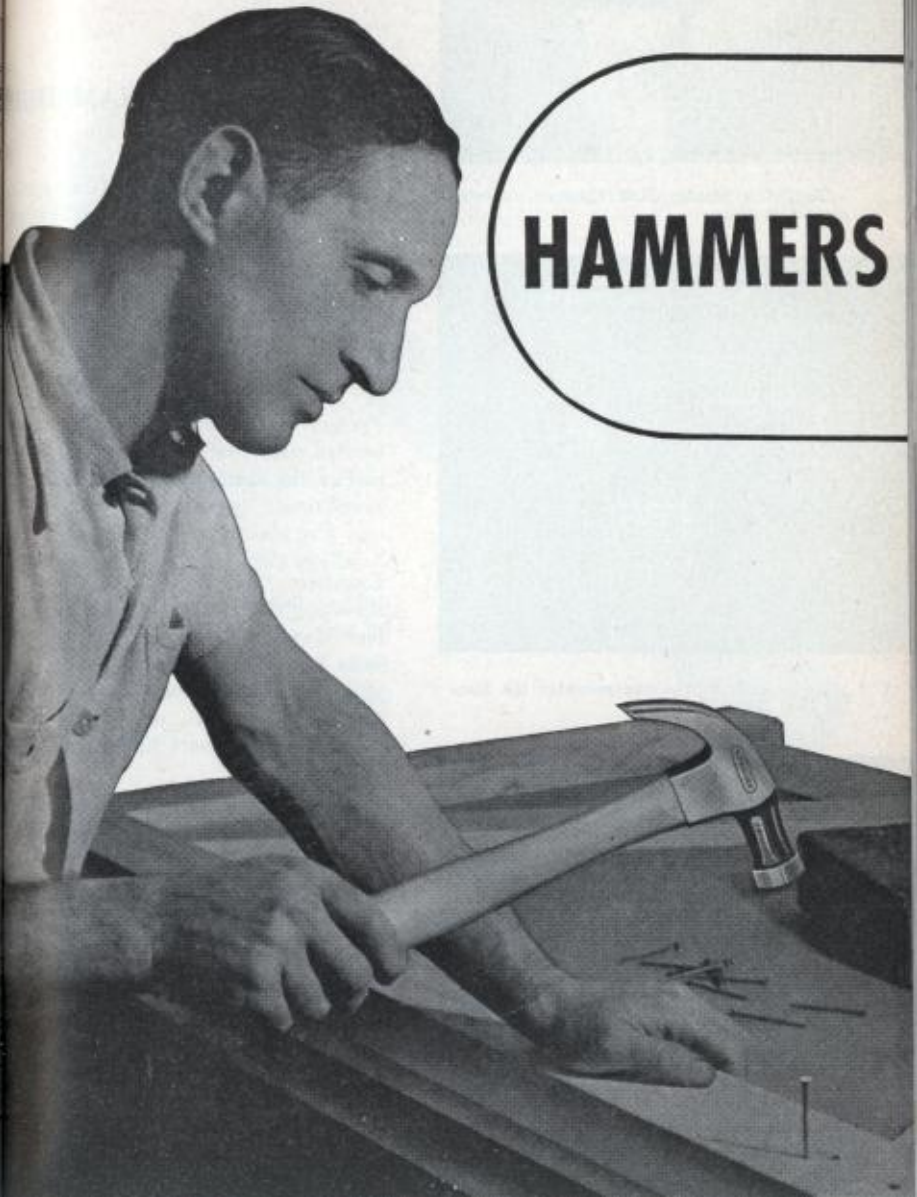
"How to Work with Tools and Wood"—$2.00

182-page bound book that takes all the mystery out of using tools, selec materials, planning and finishing work. It opens the way to make useful proj to repair furniture and to do odd jobs in the home. The book is well illustr A cross index makes it an instant reference. Stiff board cover with cloth bin makes it attractive and durable.

Stanley Tool Guide—25¢

Here is a book that you will n lend, because you will be consta referring to it. This Tool Guide Manual contains forty pages (size in. x 11 in.) of information on ho use and how not to use all of the c mon woodworking tools as well as s metal working tools. It is profu illustrated; in fact, there are m pictures than words. Pages are pun and perforated so that they can be moved and put in a loose leaf noteb

HAMMERS



Top of a Stanley Nail Hammer, showing wedges in place.

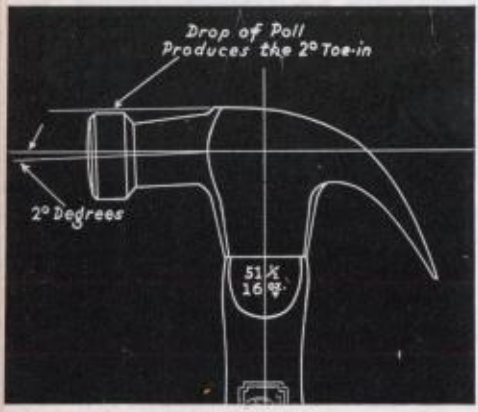
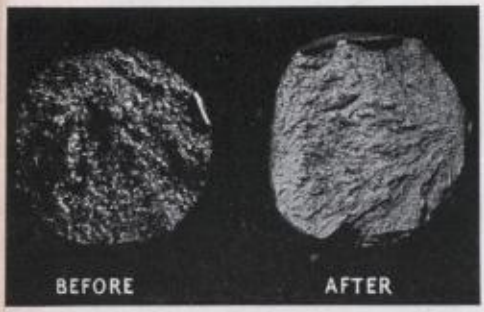


Diagram shows the fine points of the Stanley Nail Hammer design.



Cross sections of Stanley Hammer Heads before and after heat treating.

FACTS ABOUT STANLEY HAMME

1.

Hammer heads are forged from sp analysis steel and "super heat trea —two heat treatments—to bring out full strength in the steel and to m a tougher head. Hardness is drawn f the tip ends of the claws to protect t from breakage.

2.

Perfect claws with uniform split beveled grip that bites into a head nail or the shank of a nail and pull every time.

3.

Exclusive "Evertite" process of shrinking the eye end of Stanley H mer Handles excludes all moisture seals the wood to prevent swelling shrinking. In addition, the tapered two special metal wedges, and wooden wedge assure tight handles.

4.

Smooth, live, straight-grained y hickory handles shaped to fit the h

5.

Two degree pitch or toe in of the st ing face. Face slightly crowned. W chamfer or bevel on edge of faces. C rectly balanced throughout.

ASK FOR STANLEY HAMME AT YOUR DEALERS

STANLEY NAIL HAMMERS

These Hammers have ranked as best sellers for years and continue to be first choice of carpenters and other woodworkers. Look at these features: "Super-heat-treated" special analysis steel heads; exclusive Stanley design provides exceptional driving and pulling power; strong, straight-grain hickory handles securely wedged to heads; correctly balanced for easy handling.

Bell face, round neck and poll. Head polished with black neck. Curved claw semi-ripping pattern. Made in a variety of sizes to fit everyone's needs.

No.	Oz.	Size	Overall	Each
51	20	1	13½ in.	**$3.30**
51½	16	1½	13 in.	**3.05**
52	13	2	13 in.	**3.00**
52½	10	2½	12½ in.	**2.95**
53	7	3	12 in.	**2.95**

No. 151½

WITH CROSS CHECKERED FACE

No.	Oz.	Size	Overall	Each
151	20	1	13½ in.	**$3.70**
151½	16	1½	13 in.	**3.45**

No. 51½A

Ripping Claw

No.	Oz.	Size	Overall	Each
51A	20	1	13½ in.	**$3.30**
51½A	16	1½	13 in.	**3.05**

WITH CROSS CHECKERED FACE

151A	20	1	13½ in.	**$3.70**
151½A	16	1½	13 in.	**3.45**

"100 Plus" Curved Claw
No. 11½

"100 Plus" Full Octagon
No. OH11½

"100 Plus" Ripping Claw
No. 21½

"100 Plus" No. O11½

Stanley Nail Hammers

All have "Super-Heat-Treated" heads, "Evertite" handles, and are highly finish

"100 Plus"*

Drop forged from special high quality alloy steel—the finest hammer ever offered. Bell Face, Round Poll, Mirror Polish with Orange Ribs on neck and Black Enamel under claws. White lacquered hickory handle with octagon neck.

Curved Claw—Semi-Ripping Pattern

No.	Oz.	Size	Overall In.	Each
100 plus **11**	20	1	13½	**$3.90**
100 plus **11½**	16	1½	13	**3.65**
100 plus **12**	13	2	13	**3.65**

Ripping Claw

100 plus **21**	20	1	13½	**$3.90**
100 plus **21½**	16	1½	13	**3.65**

"100 Plus"

Octagon Neck and Poll—Full Octagon Handles Curved Claw—Semi-Ripping

No.	Oz.	Size	Overall In.	E
OH11	20	1	13½	**$3**
OH11½	16	1½	13	**3**
OH12	13	2	13	**3**

Ripping Claw

OH21	20	1	13½	**$3**
OH21½	16	1½	13	**3**

Octagon Neck and Poll—Octagon Neck Handles Curved Claw—Semi-Ripping

No.	Oz.	Size	Overall In.	E
O11	20	1	13½	**$3**
O11½	16	1½	13	**3**
O12	13	2	13	**3**

Ripping Claw

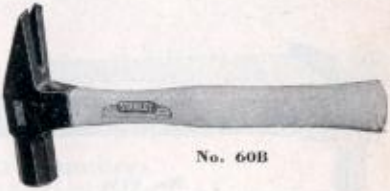
O21	20	1	13½	**$3**
O21½	16	1½	13	**3**

* Registered U.S. Pat.

No. 41½

No. 41½A

No. 221



No. 60B

Stanley Nail Hammers

All have Super-Heat-Treated heads, "Evertite" hickory Handles and are highly finished. Checkered face claw hammers are used in Shipping and Packing Departments.

Plain Face—Curved Claw

Polished, with black neck. Semi-ripping pattern. Plain neck.

No.	Oz.	Size	Overall	Each
40	28	0	15 in.	**$3.65**
41	20	1	13½ in.	**3.30**
41½	16	1½	13 in.	**3.05**
42	13	2	13 in.	**3.00**
43	7	3	12 in.	**2.95**

Plain Face—Straight Claw

Polished, with black neck. Ripping Pattern. Plain Neck.

No.	Oz.	Size	Overall	Each
41A	20	1	13½ in.	**$3.30**
41½A	16	1½	13 in.	**3.05**

Floor Layers Hammer

Plain eye, octagonal neck. Special black finish with polished face.

No.	Oz.	Overall	Each
221	32	10½ in.	**$3.55**
With Checkered Face			
221C	32	10½ in.	**$3.90**

Linemans Hammers

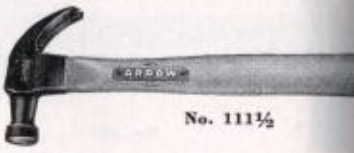
Adze eye, octagon head, straight claw. Black finish with polished face.

No.	Oz.	Overall	Each
60B	32	13½ in.	**$3.55**
With Checkered Face			
160B	32	13½ in.	**$3.90**

No. 101½

No. 101½A

No. 91½



No. 111½

Stanley "Standard" Nail Hammers

Good grade, popular priced hammers for farm and home use. Heads are drop fo in positive dies and are hardened and tempered on face and claws. Handles are c fortably shaped from straight grain young hickory and are securely wedged.

Bell Face

Polished, with black neck. Curved claw—semi-ripping pattern, round neck and poll.

No.	Oz.	Size	Overall	Each
101	20	1	13½ in.	**$2.80**
101½	16	1½	13 in.	**2.55**
102	13	2	13 in.	**2.50**
103	7	3	12 in.	**2.45**
Ripping Claw				
101A	20	1	13½ in.	**$2.80**
101½A	16	1½	13 in.	**2.55**

Plain Face

Polished, with black neck. Cu claw—semi-ripping pattern, plain n

No.	Oz.	Size	Overall	E
91	20	1	13½ in.	$2
91½	16	1½	13 in.	2
92	13	2	13 in.	2
93	7	3	12 in.	2

Stanley "Arrow" Nail Hammers

Good serviceable tools for farm and home. Polished on face; remainder of h finished in black enamel. Hickory handles securely wedged in the heads.

Bell Face

Curved claw—round neck and poll.

No.	Oz.	Size	Overall	Each
111½	16	1½	13 in.	**$2.00**

Bell Face—Ripping

Straight claw. Round neck and

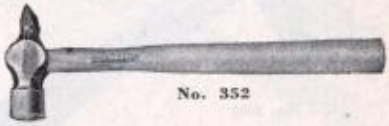
No.	Oz.	Size	Overall	E
121½	16	1½	13 in.	$2

No. 312

No. 312B

No. 291B

No. 332


No. 352

Stanley Machinists' Hammers

"Stanley" have "Super-Heat-Treated" heads and "Evertite" hickory handles.

Ball Pein—Octagon Pattern

Stanley

Polished. Selected white hickory handles.

No.	Oz.	Size	Overall	Each
306	4	00000	10⅞ in.	**$2.05**
308	8	000	13 in.	**2.15**
309	12	00	14 in.	**2.30**
310	16	0	14½ in.	**2.40**
311	20	1	15 in.	**2.55**
312	24	2	16 in.	**2.75**
314	32	4	16 in.	**3.00**
316	40	6	16 in.	**3.25**

Stanley—Standard

Special black finish, polished face and pein. Hickory handles.

No.	Oz.	Size	Overall	Each
306B	4	00000	10⅞ in.	**$1.65**
308B	8	000	13 in.	**1.75**
309B	12	00	14 in.	**1.90**
310B	16	0	14½ in.	**2.00**
311B	20	1	15 in.	**2.20**
312B	24	2	16 in.	**2.35**
314B	32	4	16 in.	**2.60**
316B	40	6	16 in.	**2.85**

Stanley Midget Ball Pein

A light weight Ball Pein Hammer. Polished.

No.	Oz.	Size	Overall	Each
291B	2	7/0	10 in.	**$2.05**

Straight and Cross Pein. Polished

No.	Pein	Oz.	Size	Over-all	Each
332	Straight	24	2	16 in.	**$3.30**
352	Cross	24	2	16 in.	**3.30**

Splitting young hickory blocks into billets for Stanley hammer handles.

No. 594

Stanley Soft Face Hammers

The ideal hammers for forming soft metals, for calking boats, for assembly w for automotive repairs and for home workshops. Renewable tips are made of a to and resilient cellulose composition material that won't mar finely finished surfa Hickory handles are "Evertite" processed to prevent shrinking and are securely lo in steel center body.

Nos. 594 and 595 have the same size tip studs so that tips are interchangeable. S head is red, tips are amber color and handle is lacquered mahogany.

Hammers

No.	Type	Head weight	Handle Length	Each
592	Regular Face	1½ oz.	7⅝ in.	**$1.25**
593	Regular Face	¼ lb.	9 in.	**1.65**
5930	Regular Face	6 oz.	11¾ in.	**1.95**
594	Regular Face	½ lb.	11¾ in.	**2.10**
595	Regular Face	1 lb.	11¾ in.	**2.50**
5950	Regular Face	2 lbs.	12½ in.	**7.20**

Extra Tips

No.	Type	Diameters Inches	Fit Hammers	Each
592A	Regular	⅝ in., Rd.	592	**$0.30**
593A	Regular	⅞ in., Rd.	593	**.35**
5930A	Regular	1 in., Rd.	5930	**.35**
594A	Regular	1¼ in., Rd.	594	**.45**
595A	Regular	1⅜ in., Rd.	595	**.50**
5950A	Regular	1⅝ in., Rd.	5950	**.85**

Stanley Hammers

"Super-Heat-Treated" Heads—"Evertite" Processed Hickory Handles

Blacksmiths' Hand

Polished

No.	Oz.	Size	Overall	Each
401	32	1	16 in.	**$3.70**
402	40	2	16 in.	**4.00**
403	48	3	16 in.	**4.30**

No. 401

Engineers'—Cross Pein

Polished

No.	Oz.	Size	Overall	Each
382	32	2	16 in.	**$3.70**
383	40	3	16 in.	**4.00**
384	48	4	16 in.	**4.30**

No. 382

Engineers'—Double Face

Polished

No.	Oz.	Size	Overall	Each
392	40	2	16 in.	**$4.00**
393	48	3	16 in.	**4.30**

No. 392

Prospecting or Geologist Pick

Smooth black finish—polished face.

No.	Oz.	Size	Overall	Each
251	16	1	13 in.	**$3.35**
252	24	2	13 in.	**3.90**

No. 251

No. 452

No. 462

No. 233

No. 423

No. 431½A

No. 200

Stanley Hammers

All have "Super-Heat-Treated" heads and "Evertite" processed hickory Handle

Tinners' Setting or Paneing

Plain eye. Polished.

No.	Oz.	Size	Overall	Each
451	8	4	12 in.	**$2.55**
452	12	3	13 in.	**2.60**
453	16	2	14 in.	**2.75**

Machinists' Riveting

Plain eye. Polished.

No.	Oz.	Size	Overall	Each
230	4	0	11 in.	**$2.30**
231	7	1	12 in.	**2.30**
232	9	2	12 in.	**2.55**
233	12	3	13 in.	**2.55**

Bricklayers' Hammers— Adze Eye

Smooth black finish with polished faces.

No.	Oz.	Size	Overall	Each
431½A	24	1	11 in.	**$3.15**
432A	32	2	11 in.	**3.50**

Tinners' Riveting

Plain eye. Polished.

No.	Oz.	Size	Overall	
461	8	4	12 in.	$
462	12	3	13 in.	
463	16	2	14 in.	
464	20	1	15 in.	

Coopers' Hammers

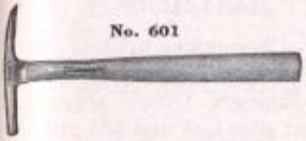
Smooth black finish.

No.	Oz.	Overall	
423	48	10 in.	$
424	64	10 in.	

Farriers' Hammers

Adze eye. Polished. Straight Octagon poll.

No.	Oz.	Overall	
200	10	13 in.	$


No. 601

No. 166

No. 603

No. 605

No. 602

Stanley Tack and Upholsterers' Hammers

Except where noted all are forged from the finest magnetic steel, are "Super-Heat-Treated," and fitted with "Evertite" processed handles.

Magnetic Bill Posters' Hammers

Plain eye. Polished

No.	Oz.	Overall	Each
165	5	12 in.	**$2.05**
166	7½	12 in.	**2.15**

Magnetic Tack Hammer

No.	Oz.	Head	Overall	Each
601	5	4¾ in.	12 in.	**$2.35**
6010	Same as above, except with No. **605** Claw			**2.95**

Magnetic Upholsterers' Hammer

No.	Oz.	Head	Overall	Each
602	7	5½ in.	10¾ in.	**$2.70**
6020	Same as above, except with No. **605** Claw			**3.30**

Trimmers' Hammer

High Carbon Steel—Not Magnetic

No.	Oz.	Head	Overall	Each
603	7	5⅛ in.	12 in.	**$2.20**
6030	Same as above, except No. **605** Claw			**2.80**

Tack Claw

A handy accessory for any tack hammer. Applied to end of handle. Forged steel.

No.	Each
605	**$0.55**

"100 Plus"
No. 1½
Half Hatchet

Half Hatchet
No. 11½
Haines Pattern

Half Hatchet
No. 22

Lathing Hatchet
No. 10

STANLEY HATCHETS

A line of best selling hatchets offe to those who want quality hatchets well as hammers. Heads are forg from finest edge tool steel and carefu tempered to hold a keen cutting ed Selected high grade, hickory hand are specially treated to exclude moist and are securely wedged to hea Heads have smooth black velvet fin or polished finish.

"One Hundred Plus"

Special Half Hatchet for carpente Round poll, octagon neck, beveled n slot. Octagon neck handle.

No.	Cut	Overall	Ea
1½	3⅝ in.	13 in.	**$3.**

Half Hatchet

Haines pattern. Full polished. T blade. Beveled nail slot.

No.	Cut	Overall	Ea
11½	3¼ in.	13 in.	**$4.**

Half Hatchet

Octagon head. Beveled nail slot.

No.	Cut	Overall	Ea
22	3⅝ in.	13 in.	**$3.**

Lathing Hatchet

Standard pattern. Beveled nail s Octagon head.

No.	Cut	Overall	Ea
10	2¼ in.	12¼ in.	**$3.**

Lathing Hatchet

Underhill pattern. Thin blade. Full polished. Oval scored head, 12 rows—144 points.

No.	Cut	Overall	Each
11	2⅛ in.	12¼ in.	**$5.15**

Broad Hatchets

Single bevel cutting edge.

No.	Cut	Overall	Each
32	4½ in.	15½ in.	**$4.10**
34	5½ in.	16 in.	**4.65**

Claw Hatchet

No.	Cut	Overall	Each
42	4 in.	14 in.	**$3.95**

Flooring Hatchet

Beveled nail slot.

No.	Cut	Overall	Each
51	4 in.	14 in.	**$4.10**

Hunters Axe

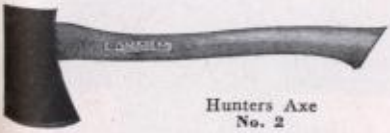
Well balanced, handy tool for hunters, campers and householders.

No.	Cut	Overall	Each
2	3½ in.	19 in.	**$3.45**

Camp Axe

For campers, scouts, hunters and motorists. Heavy head for driving. Beveled nail slot.

No.	Cut	Overall	Each
1¼	3¼ in.	14 in.	**$3.20**
11¼	(with sheath)		**4.00**



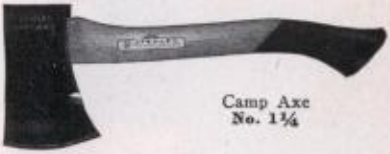
Hunters Axe
No. 2

Lathing Hatchet
No. 11

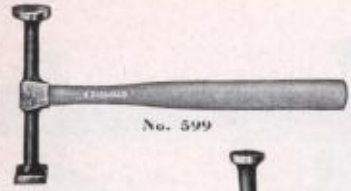
Broad Hatchet
No. 32

Claw Hatchet
No. 42

Flooring Hatchet
No. 51



Camp Axe
No. 1¼


No. 599

No. 598

No. 600

No. 599½

No. 604

Stanley Auto Body and Fender Hammers

Forged from special steel and tempered individually. The handles are made fr the finest grade selected, straight grain young hickory.

Light Dinging Hammer

Alloy Steel. A light weight, finishing hammer. Polished with black necks.

No.	Oz.	Dimensions	Each
599	10	Head—6½ in. long Round Face—1¼ in. dia. Square Face—1 1/16 in. sq. Overall—11½ in.	**$2.90**

Light Bumping Hammer

Alloy Steel. A light weight finish hammer. Polished with black necks.

No.	Oz.	Dimensions	E
598	9	Head—4 in. long Round Face—1¼ in. dia. Square Face—1⅛ in. sq. Overall—11½ in.	**$2.**

Dinging Hammer

Alloy Steel. Polished with black necks.

No.	Oz.	Dimensions	Each
600	13	Head—6 in. long Large Face—1⅝ in. dia. Small Face—1¼ in. dia. Overall—12 in.	**$2.90**

Bumping Hammer

Alloy Steel. Polished with bl necks.

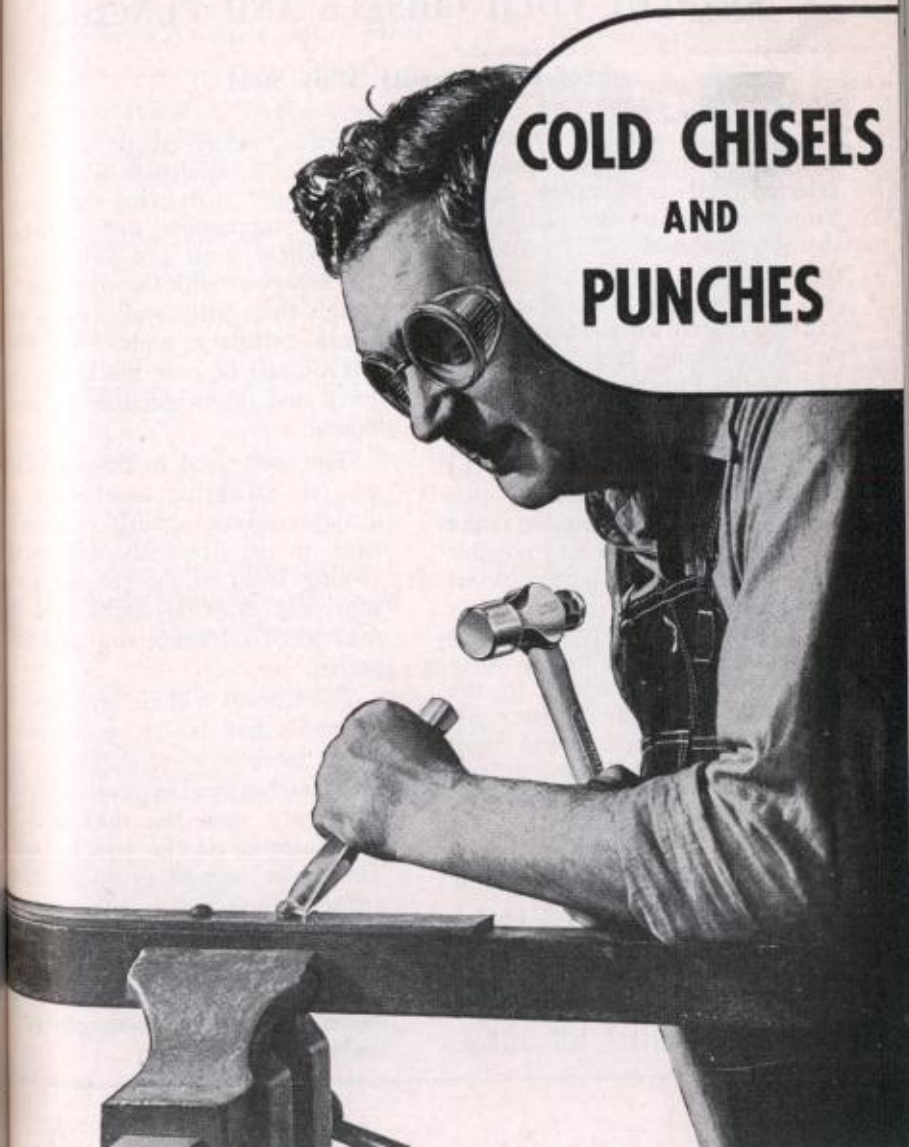
No.	Oz.	Dimensions	E
604	14	Head—4¼ in. long Round Face—1¼ in. dia. Square Face—1¼ in. sq. Overall—12 in.	**$2.**

Special Bumping Hammer

Bullet shaped end makes it easy to remove small dents. Drop forged. Face polished. Body black. Hickory handle.

No.	Oz.	Head	Each
599½	7	4 in. long	**$2.60**

COLD CHISELS AND PUNCHES



STANLEY COLD CHISELS AND PUNCHES

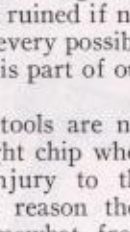
of High Quality Alloy Steel

Great care is taken in making the steel. All metals are carefully selected and care taken in the proper control of the analysis of the raw material. This procedure insures a steel for Stanley Chisels and Punches that is the finest that can be secured for the purpose.

The working bits of Stanley Chisels and Punches are drawn out under trip hammers. This tends to further refine the steel. The hardening and tempering is done by skilled workmen. Knowing that the finest tools can be ruined if not properly heat treated every possible care is exercised in this part of our work.

The heads of the tools are not hardened as they might chip when struck and cause injury to the workman. For this reason they will batter down somewhat from continual striking. When the head of a chisel or punch has feathered out, dress it down on a grindstone or with a file. A badly turned over head will eventually throw off chips when struck.

Stanley Chisels and Punches **can be resharpened with a file** and we recommend this practice rather than sharpeni them on a grindstone where th is a danger of drawing the temp Many mechanics are surpris that these tools are soft enou to sharpen with a file but tough they withstand strains t break ordinary tools. In fili the Chisels be sure the bit is c tered and the original bevel mai tained.



The steel used in these tools an oil hardening steel and strongly advise against redressi them in the fire without first c taining from us the correct fo ings and drawing heats and t method of oil hardening and te pering.

The Chisels will cut any kind material that is not tempered rivets, steel, concrete, soil pipe, c The punches can be driven throu machinery steel the thickness the diameter of the punch poi They cost somewhat more th ordinary tools but considered o work value basis, the satisfacti resulting from their use and t time saved, **they are decided more economical than cheap tools.**

STANLEY COLD CHISELS

Chrome-Vanadium Alloy Steel
Quarter Octagon Pattern

Built for the exacting mechanic who wants a isel that will stand up under the hardest work— t cast iron, alloy steels, concrete, etc., and still ld its cutting edge, yet soft enough to resharpen ith a file.

Drop forged, oil hardened, and tempered by a ecial process that insures a tough cutting edge. lated with heads and bits buffed.

o.	Size of Stock	Width Bit	Length	Each
93	3/8 in.	1/2 in.	5 1/2 in.	**$0.67**
94	7/16 in.	9/16 in.	5 1/2 in.	**.73**
95	1/2 in.	5/8 in.	6 in.	**.78**
96	5/8 in.	3/4 in.	6 1/2 in.	**1.03**
97	3/4 in.	7/8 in.	7 1/2 in.	**1.20**
		Long		
914	3/4 in.	7/8 in.	14 in.	**2.35**
916	7/8 in.	1 in.	16 in.	**3.25**

No. 74—"Strait Cut"
Silicon Manganese Alloy Steel
Octagon Pattern

With these Cold Chisels the size of the bit and e size of the stock are identical.

Forged from silicon manganese alloy steel, they e strong, tough tools that will stand severe use. he bits are drawn under trip hammers and prop- ly tapered. Body is black. Polished on head and

Size	Length	Each	Size	Length	Each
1/4 in.	5 in.	**$0.40**	1/2 in.	12 in.	**$0.90**
16 in.	5 1/4 in.	**.40**	5/8 in.	12 in.	**1.05**
3/8 in.	5 1/2 in.	**.47**	5/8 in.	18 in.	**1.25**
1/2 in.	6 1/4 in.	**.58**	3/4 in.	12 in.	**1.20**
5/8 in.	7 in.	**.65**	3/4 in.	18 in.	**1.55**
3/4 in.	7 1/2 in.	**.90**	7/8 in.	12 in.	**1.60**
7/8 in.	8 in.	**1.15**	7/8 in.	18 in.	**2.05**
in.	8 1/2 in.	**1.45**	1 in.	12 in.	**1.90**
			1 in.	18 in.	**2.50**

No. 993

No. 74

No. 651

No. 636

No. 655

No. 638

No. 661

No. 641

Stanley Chisels and Punches

Quarter Octagon Pattern — Special Analysis Alloy Steel

De luxe quality. Forged, hammer drawn, oil hardened and carefully tempered toughness and strength. Plated finish with buffed heads and tapers. The distin shape prevents rolling. Chisels are soft enough to sharpen with a file, but tough en to cut cast iron, tool steel, concrete, etc.

Cape Chisels

No.	650	651	652
Width, Bit, in.	⅛	¼	⅜
Size, Stock, in.	⅜	½	⅝
Length, in.	5¾	6¼	7
Price	**$0.72**	**$0.83**	**$1.05**

Diamond Point Chisels

No.	654	655	656	657	658
Width, Bit, in.	⅛	¼	⅜	½	⅝
Size, Stock, in.	⅜	½	⅝	¾	⅞
Length, in.	5½	6	7	7½	8
Price	**$0.82**	**$0.93**	**$1.15**	**$1.35**	**$1.70**

Round Nose Chisels

No.	661	662
Width, Bit, in.	¼	⅜
Size, Stock, in.	½	⅝
Length, in.	6	7
Price	**$0.82**	**$1.05**

Prick Punches

No.	635
Size, Stock, in.	⅜
Length, in.	5
Price	**$0.60**

Center Punches

No.	637
Size, Stock, in.	⅜
Length, in.	5
Price	**$0.60**

Hand Punches

No.	640	641	642	643
Diam. Pt., in.	1/16	⅛	3/16	¼
Size, Stock, in.	⅜	½	⅝	¾
Length, in.	5½	6¼	7	8¼
Price	**$0.62**	**$0.73**	**$1.05**	**$1.35**

No. 630

No. 645

No. 624

No. 619

Stanley Special Punches and Bars

Special Analysis Alloy Steel

Long Tapered Punch

No.	630	631	632
Diam. Pt.	5/32 in.	6/32 in.	8/32 in.
Size, Stock	3/8 in.	1/2 in.	5/8 in.
Length	8 in.	9 in.	10 1/2 in.
Price	**$0.82**	**$1.03**	**$1.45**

Pin Punch

No.	645	646	647	648
Diam. Pt.	4/32 in.	6/32 in.	8/32 in.	10/32 in.
Size, Stock	3/8 in.	1/2 in.	1/2 in.	5/8 in.
Length	5 in.	5 1/2 in.	6 in.	6 1/2 in.
Price	**$0.62**	**$0.73**	**$0.73**	**$1.05**

Lining Up Bar

Long tapered point correctly hardened and tempered.

No.	624
Diam. Point	1/4 in.
Size, Stock	1/2 in.
Length	12 in.
Price	**$1.20**

Jimmy Bar

A combination tool for aligning and prying.

No.	619	620
Size, Stock	1/2 in.	5/8 in.
Length	14 in.	16 in.
Price	**$1.65**	**$2.00**

No. 1B

No. 2B

No. 3B

No. 4B

No. 1C. Hand Cold Chisel

Stanley Cold Chisels

They are forged from alloy steel, carefully hardened and tempered, with bits ham mer drawn and toughened. Black forge finish with polished heads and bits.

No. 1B. Hand Cold Chisels

Specify number, size of stock, and length.

Size of Stock	Width of Bit	Length	Price
¼ in.	9/16 in.	5 in.	$0.40
9/16 in.	⅜ in.	5¼ in.	.40
⅜ in.	7/16 in.	5½ in.	.47
7/16 in.	½ in.	6 in.	.47
½ in.	⅝ in.	6¼ in.	.59
⅝ in.	¾ in.	7 in.	.65
¾ in.	⅞ in.	7½ in.	.89
⅞ in.	1 in.	8 in.	1.15
1 in.	1¼ in.	8½ in.	1.45

No. 1B. Long Cold Chisels

Size of Stock	L'gth	Price	Size of Stock	L'gth	Price
½ in.	12 in.	$0.90	⅞ in.	12 in.	$1.60
⅝ in.	12 in.	1.05	⅞ in.	18 in.	2.05
⅝ in.	18 in.	1.35	⅞ in.	24 in.	2.50
¾ in.	12 in.	1.20	1 in.	12 in.	1.90
¾ in.	18 in.	1.55	1 in.	18 in.	2.50

No. 2B. Cape Chisels

Specify number and width of bit.

Width of Bit	Size of Stock	Length	Price
¼ in.	½ in.	6¼ in.	$0.75
9/16 in.	½ in.	6¼ in.	.75
⅜ in.	⅝ in.	7 in.	.90
½ in.	¾ in.	7½ in.	1.10
⅝ in.	⅞ in.	8 in.	1.30
¾ in.	1 in.	8½ in.	1.75

No. 3B. Round Nose Chisels

Specify number and width of bit.

Width of Bit	Size of Stock	Length	Price
¼ in.	½ in.	6¼ in.	$0.75
9/16 in.	½ in.	6¼ in.	.75
⅜ in.	⅝ in.	7 in.	.90
½ in.	¾ in.	7½ in.	1.10
⅝ in.	⅞ in.	8 in.	1.30
¾ in.	1 in.	8½ in.	1.75

No. 4B. Diamond Point Chisels

Specify number and size of point.

Size of Point	Size of Stock	Length	Pri
¼ in.	½ in.	6¼ in.	$0.
9/16 in.	½ in.	6¼ in.	.
⅜ in.	⅝ in.	7 in.	.
½ in.	¾ in.	7½ in.	1.
⅝ in.	⅞ in.	8 in.	1.
¾ in.	1 in.	8½ in.	1.

Carbon Tool Steel

For those who do not require the extra "wo value" in our alloy steel chisels and punche They are forged from high grade carbon to steel and are carefully hardened and tempere Black forge finish.

No. 1C. Hand Cold Chisels

Size of Stock	Width of Bit	Length	Pri
¼ in.	9/16 in.	5 in.	$0.
9/16 in.	⅜ in.	5¼ in.	.
⅜ in.	7/16 in.	5½ in.	.
7/16 in.	½ in.	6 in.	.
½ in.	⅝ in.	6¼ in.	.
⅝ in.	¾ in.	7 in.	.
¾ in.	⅞ in.	7½ in.	.
⅞ in.	1 in.	8 in.	.
1 in.	1¼ in.	8½ in.	1.

No. 1C. Long Cold Chisels

Size of Stock	Length	Pri
½ in.	12 in.	$0.
⅝ in.	12 in.	.
⅝ in.	18 in.	.
¾ in.	12 in.	1.
¾ in.	18 in.	1.
⅞ in.	12 in.	1.
⅞ in.	18 in.	1.
1 in.	12 in.	2.
1 in.	18 in.	2.

No. 5B

No. 6B

No. 8B

No. 9B

No. 15B

No. 5C. Hand Punch

Stanley Machinists' Punches

No. 5B. Hand Punches

When ordering, specify number and diameter of point.

Diam. of Point	Size of Stock	Length	Price
1/16 in.	3/8 in.	5 1/2 in.	$0.42
1/8 in.	1/2 in.	6 1/4 in.	.48
5/64 in.	5/8 in.	7 in.	.63
3/16 in.	3/4 in.	7 1/2 in.	.75
7/32 in.	7/8 in.	8 1/4 in.	1.10
1/4 in.	1 in.	9 in.	1.35

No. 6B. "Pin" Punches

When ordering, specify number and diameter of point.

Diam. of Point	Size of Stock	Length	Price
3/32 in.	3/8 in.	5 3/4 in.	$0.47
1/8 in.	3/8 in.	5 3/4 in.	.47
5/32 in.	1/2 in.	6 1/4 in.	.53
3/16 in.	5/8 in.	7 in	.65
7/32 in.	3/4 in.	7 1/2 in.	.75

No. 8B Center Punch

No.	Stock	Length	Each
8B	3/8 in.	5 in.	$0.46

No. 9B Prick Punch

No.	Stock	Length	Each
9B	3/8 in.	5 in.	$0.46

Long Tapered Punches

No.	Diameter Point	Stock	Length	Each
15B	5/32 in.	3/8 in.	8 in.	$0.52
16B	6/32 in.	1/2 in.	9 in.	.70

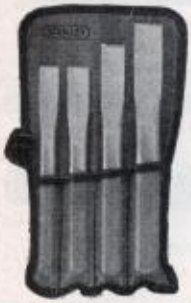
Lining Up Punch

No.	Diameter Point	Stock	Length	Each
18B	5/32 in.	3/4 in.	18 in.	$1.65

No. 5C. Hand Punches

These are heavier than machine punches. Specify number and diameter of point.

Diam. of Point	Size of Stock	Length	Price
1/16 in.	3/8 in.	5 1/2 in.	$0.30
1/8 in.	1/2 in.	6 1/4 in.	.42
3/16 in.	5/8 in.	7 in.	.48
1/4 in.	3/4 in.	7 1/2 in.	.60
5/16 in.	7/8 in.	8 1/4 in.	.80
3/8 in.	1 in.	9 in.	.90



No. 91K

No. 92K

No. 93K

No. 71K

COLD CHISEL AND PUNCH KITS

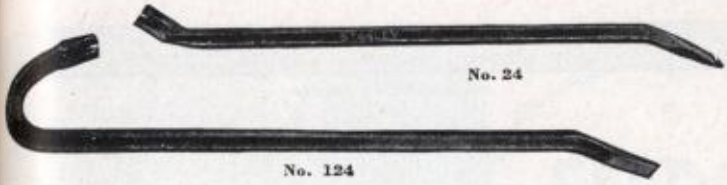
No. 72K

The Cold Chisels and Punches in the 70 series of k
are silicon manganese alloy steel; which produces stro
tough, tools at reasonable prices. These tools have p
ished heads and bits, with black japan finish on bo
Kits have transparent pliofilm pockets with tape strin

The 90 series of kits contain chisels and punches m
of chrome vanadium alloy steel. Bits are hammer dra
chromium plated with buffed heads and tapers. Kits
canvas with transparent plastic pockets, tape ties.

No. 73K

No.	Contains	E
71K	1 each No. 74 Chisels—¼, ⅜, ½, ⅝ in.	$2
72K	1 each Machine Punches No. 6B—4/32, 5/32, 6/32 in. and Hand Punch No. 5B—⅛ in.	2
73K	1 each Chisels No. 74—⅜, ½ in., Hand Punch No. 5B—⅛ in., Machine Punch No. 6B—5/32 in. and Center Punch No. 8B.	2
91K	1 each Chisels Nos. 993—⅜ in., No. 994—7/16 in., No. 995—½ in., No. 996—⅝ in.	3
92K	1 each Pin Punches Nos. 645, 646, 647 and Hand Punch No. 641—⅛ in.	3
93K	1 each Chisels Nos. 993—⅜ in., No. 995—½ in., Center Punch No. 637, Hand Punch No. 641 and Pin Punch No. 645.	3



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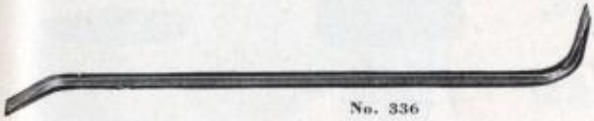

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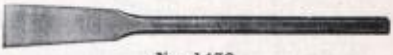
No. 210

No. 12B

No. 01470

No. 1460



No. 1470

Stanley Ripping Bars and Chisels

These tools are forged from high grade hexagon tool steel and are exceptionally strong and sturdy. Body black baked japan. Bits nicely polished.

Straight Ripping Bars

No.	Size	Price
24	¾ in. x 24 in.	**$1.60**
30	¾ in. x 30 in.	**1.80**
36	¾ in. x 36 in.	**1.95**

Goose Neck Ripping Bars

No.	Size	Price
112	½ in. x 12 in.	**$0.90**
118	⅝ in. x 18 in.	**1.25**
124	¾ in. x 24 in.	**1.80**
130	¾ in. x 30 in.	**2.05**
136	¾ in. x 36 in.	**2.45**
	HEAVY DUTY BAR	
2136	⅞ in. x 36 in.	**3.00**

Stripping Bar

Designed particularly for stripping and wrecking concrete forms.

No.	Size	Price
336	⅞ in. x 36 in.	**3.60**

No. 1460. Ripping Chisel

¾ in. stock, 1⅝ in. cutting edge. 18 in. long. Price **$2.10**

Electricians Cutting Chisel

Alloy Steel. Blades Polished, Handle Black. Designed to cut off the tongue on floor boards. Bit is tempered to cut nails.

No.		Price
210	2¾ in. cutting edge, ½ in. Stock, 8 in. long	**$2.35**

Plumbers' Wood Chisels

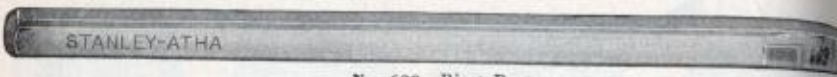
Alloy Steel.

No.	Stock	Bit	Length	Each
12B	½ in.	¾ in.	10 in.	**$1.15**
13B	⅝ in.	1 in.	11 in.	**1.35**
14B	¾ in.	1¼ in.	12 in.	**1.60**

Floor and Clapboard Chisels

¾ in. stock, 2 in. cutting edge, 18 in. long.

No.		Each
1470	Straight Blade	**$2.10**
01470	Bent Blade	**2.00**



No. 628—Rivet Buster

No. 561

No. 570

No. 1070

Stanley-Atha Automotive Service Tools

Rivet Buster

A useful tool for dismantling old cars. Designed principally to reach chassis rive and other places difficult to get at.

No.	Size of Stock	Width of Bit	Length	Ea
628	¾ in.	⅝ in.	12 in.	**$2.2**
629	⅞ in.	¾ in.	18 in.	**3.7**

Stanley-Atha Coopers' Tools

Drivers—Regular Pattern

No.	Lbs.	Length	Edge	Each
561	1	4¾ in.	1¼ in.	**$1.50**
562	1 5/16	5¼ in.	1⅜ in.	**1.90**

Extra for handling, **$0.90** each

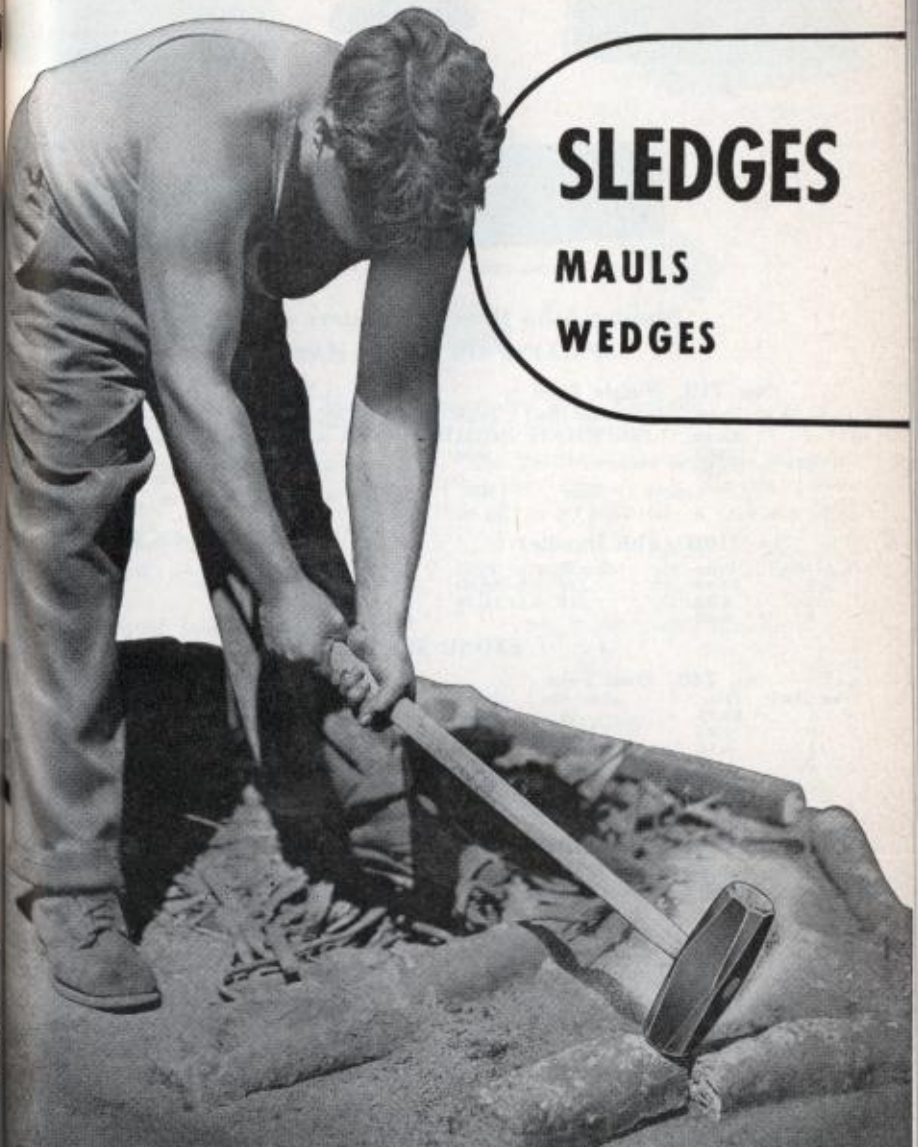
Heavy Hoop Sets

No.	Lbs.	Length	Edge	Dia. Face	Each
570	3	5½ in.	1¾ in.	1½ in.	**$2.90**

Extra for handling, **$0.90 each**

Boiler Pick or Scaling Hamme

No.	Lbs.	Length	Bit	Ea
1070	1	5 in.	1 1/16 in.	**$1.1**
1070H	Handled			**1.9**



SLEDGES

MAULS

WEDGES

No. 710

No. 890

No. 670

No. 720

No. 740

Stanley-Atha Heavy Hammers or Sledges

SPALLING OR STONE HAMMERS

No. 710. Single Face

Size (lbs.)	Price	Size (lbs.)	Price
4	**$3.10**	12	**$7.54**
6	**3.75**	16	**9.90**
8	**4.80**		

	Length	Face	Bit
Dim. 8 lb. wgt.	8 in.	2¼ x 1½ in.	2¼ in.

No. 710H (with Handle)

Size (lbs.)	Price	Size (lbs.)	Price
4	**$3.90**	12	**$9.04**
6	**5.32**	16	**11.40**
8	**6.48**		

No. 720. Double Face

Size (lbs.)	Price	Size (lbs.)	Pr
8	**$4.80**	16	**$9.**
12	**7.54**		

	Length	Face
Dim. 8 lb. wgt.	7½ in.	2¾ x 1¼

No. 720H (with Handle)

Size (lbs.)	Price	Size (lbs.)	Pr
8	**$6.48**	16	**$11.**
12	**9.04**		

STONE SLEDGES

No. 740. Oval Face

Size (lbs.)	Price	Size (lbs.)	Price
6	**$3.75**	16	**$8.30**
8	**4.26**	20	**10.50**
12	**6.15**		

	Length
Dim. 8 lb. wgt.	7⅛ in.
Dim. 16 lb. wgt.	8⅝ in.

No. 740H (with Handle)

Size (lbs.)	Price	Size (lbs.)	Pr
6	**$5.32**	16	**$9.**
8	**5.76**	20	**12.**
12	**7.62**		

Diam. Face	Bit
2⅛ in.	2⅛ in.
2⅞ in.	2⅞ in.

No. 670. MASONS' HAMMERS

The body of this hammer is given a Red Finish. Face and Pein are Polished.

Size (lbs.)	Price	Size (lbs.)	Price
3	**$3.44**	4	**$3.76**

	Length	Face
Dim. 3 lb. wgt.	5⅛ in.	2⅛ x 1 in.

No. 670H (with Handle)

Size (lbs.)	Price	Size (lbs.)	Price
3	**$4.32**	4	**$4.66**

No. 890. NAPPING HAMMERS

Oval Shaped Faces

For breaking up stone in connection w road work. Require special handles. Prices application.

Size (lbs.)	Price	Size (lbs.)	Pr
4	**$2.96**	6	**$3.**

	Length	Diam. Fa
Dim. 4 lb. wgt.	6½ in.	1¼ in.

No. 890HL (with 36" Handle)

Size (lbs.)	Price	Size (lbs.)	Pr
4	**$4.64**	6	**$5.**

No. 750

No. 760

No. 780H
(With Handle)

No. 755

No. 770

Stanley-Atha Heavy Hammers and Sledges

STRIKING AND DRILLING HAMMERS

No. 750. Nevada or Long Pattern

Size (lbs.)	Price	Size (lbs.)	Price
4	$2.96	10	$5.30
6	3.75	12	6.15
8	4.26	16	8.30

	Length	Diam. Face
Dim. 8 lb. wgt.	7⅛ in.	1⅞ in.

No. 760. Oregon or Short Pattern

Size (lbs.)	Price	Size (lbs.)	Price
4	$2.96	10	$5.30
6	3.75	12	6.15
8	4.26		

	Length	Diam. Face
Dim. 4 lb. wgt.	4⅞ in.	1⅝ in.
Dim. 8 lb. wgt.	6¼ in.	2 in.
Dim. 12 lb. wgt.	6¾ in.	2⅛ in.

No. 750H (with Handle)

Size (lbs.)	Price	Size (lbs.)	Price
4	$3.76	10	$6.80
6	5.32	12	7.62
8	5.76	16	9.80

No. 760H (with Handle)

Size (lbs.)	Price	Size (lbs.)	Price
4	$3.76	10	$6.80
6	5.32	12	7.62
8	5.76		

ALLOY STEEL STRIKING SLEDGES

Highest quality. Forged from Alloy Steel

	Size (lbs.)	6	8	10	12
No. 755	Price	**$5.50**	**$6.92**	**$8.20**	**$9.72**
No. 755H (with Handle)	Price	**7.16**	**8.58**	**9.86**	**11.38**

HAND DRILLING OR STONE CUTTERS HAMMERS

No. 770. Colorado Pattern

Size (lbs.)	Price	Size (lbs.)	Price
3	$2.80	4	$3.16

	Length	Diam. Face
Dim. 3 lb. wgt.	5¾ in.	1⅛ in.

No. 770H (with Handle)

Size (lbs.)	Price	Size (lbs.)	Price
3	$3.60	4	$3.96

No. 780. New England Pattern

Size (lbs.)	Price	Size (lbs.)	Price
2	$2.62	4	$3.16
3	2.80		

	Length	Diam. Face
Dim. 3 lb. wgt.	4⅛ in.	1⅜ in.
Dim. 4 lb. wgt.	4⅞ in.	1 7/16 in.

No. 780H (with Handle)

Size (lbs.)	Price	Size (lbs.)	Price
2	$3.42	4	$3.96
3	3.60		

No. 830

No. 850H

No. 840

No. 920

Stanley-Atha Heavy Hammers, Sledges and Mauls

BLACKSMITHS' SLEDGES

Designed for blacksmiths, but they are the types used by farmers, builders and workmen in general.

No. 830. Cross Pein

Size (lbs.)	Price	Size (lbs.)	Price
6	$3.96	12	$6.60
8	4.54	16	8.74
10	5.55		

	Length	Diam. Face	Pein
Dim. 8 lb. wgt.	7 in.	2¼ in.	2¼ in.

No. 830H (With Handle)

Size (lbs.)	Price	Size (lbs.)	Price
6	$5.56	12	$8.10
8	6.04	16	10.24
10	7.05		

No. 850. Double Face

Size (lbs.)	Price	Size (lbs.)	Price
2½	$2.08	10	$5.30
3	2.52	12	6.15
4	2.96	16	8.30
6	3.75	20	10.50
8	4.26		

	Length	Diam. Face
Dim. 8 lb. wgt.	6½ in.	2¼ in.

No. 850H (With Handle)

Size (lbs.)	Price	Size (lbs.)	Price
2½	$2.88	10	$6.80
3	3.32	12	7.62
4	3.76	16	9.80
6	5.32	20	12.00
8	5.76		

No. 840. Straight Pein

Size (lbs.)	Price	Size (lbs.)	Price
8	$4.54	14	$7.65
12	6.60		

	Length	Diam. Face	Pein
Dim. 8 lb. wgt.	7 in.	2¼ in.	2¼ in.
Dim. 14 lb. wgt.	8½ in.	2¾ in.	2¾ in.

No. 840H (With Handle)

Size (lbs.)	Price	Size (lbs.)	Price
8	$6.04	14	$9.15
12	8.10		

TRACK MAULS

No. 920. Regular Pattern

Size (lbs.)	Price	Size (lbs.)	Price
6	$3.75	10	$5.32
8	4.35		

	Length	Diam. Small Face	Diam. Large Face
Dim. 8 lb. wgt.	10½ in.	1⅛ in.	1½ in.

No. 920H (With Handle)

Size (lbs.)	Price	Size (lbs.)	Price
6	$5.34	10	$6.90
8	5.85		

No. 860H

No. 960A

No. 861

Stanley-Atha Blacksmiths Hammers, Wood Choppers Mauls

The hand hammers are designed for blacksmiths, but they are also the types used by farmers, builders and woodworkers.

BLACKSMITHS' HAND HAMMERS—CROSS PEIN

No. 860. Western Pattern

Size (lbs.)	Price	Size (lbs.)	Price
2	$2.12	3	$2.52
2½	2.24	4	2.96

	Length	Diam. Face	Pein
Dim. 2½ lb. wgt.	4⅞ in.	1½ in.	1½ in.
Dim. 4 lb. wgt.	5¾ in.	1¾ in.	1¾ in.

No. 861. New England Pattern

Size (lbs.)	Price	Size (lbs.)	Price
2	$2.12	3	$2.52
2½	2.24	4	2.96

	Length	Diam. Face	Pein
Dim. 2½ lb. wgt.	4⅝ in.	1⅝ in.	1⅝ in.
Dim. 4 lb. wgt.	5¼ in.	1¼ in.	1¼ in.

No. 860H (With Handle)

Size (lbs.)	Price	Size (lbs.)	Price
2	$2.92	3	$3.32
2½	3.04	4	3.76

No. 861H (With Handle)

Size (lbs.)	Price	Size (lbs.)	Price
2	$2.92	3	$3.32
2½	3.04	4	3.76

WOODCHOPPERS MAULS

No. 960. Oregon Pattern Mauls

Regular Eye

Size (lbs.)	Price	Size (lbs.)	Price
6	$4.20	8	$5.18

	Length	Head	Bit
Dim. 6 lb. wgt.	8 in.	1⅞ in.	3¾ in.

No. 960A. Oregon Pattern Mauls

Double Bit Axe Eye

Size (lbs.)	Price	Size (lbs.)	Price
6	$4.20	8	$5.18

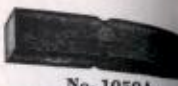
	Length	Head	Bit
Dim. 6 lb. wgt.	8 in.	1⅞ in.	3¾ in.

Nos. 960H & 960AH (With Handle)

Size (lbs.)	Price	Size (lbs.)	Price
6	$5.78	8	$6.70

No. 980X

No. 975


No. 1050A

No. 1020B

No. 1050

No. 930

No. 1020C

Stanley-Atha Wood Choppers' Mauls and Wedges

The groove in the Truckee Pattern is intended to make the wedge enter the woo straight and keep it from binding. Being narrow, they are suitable for hard woods.

No. 930. Top or Ship Mauls

Size (lbs.)	Price
5	$4.68

	Length	Diam. Small Face	Diam. Large Face
Dim. 5 lb. wgt.	8¾ in.	7/16 in.	1⅞ in.

No. 930H (With Handle)

Size (lbs.)	Price
5	$6.34

No. 1020B. Stave Wedges

Size (lbs.)	Price	Size (lbs.)	Price
3	$1.70	4	$2.10

	Length	Head	Bit
Dim. 4 lb. wgt.	7½ in.	1⅞ x 1⅜ in.	3½ in.

No. 1050. Stone Wedges

Size (lbs.)	Price
2	2.00

	Length	Head	Bit
Dim. 2 lb. wgt.	5¾ in.	1⅛ in.	1⅝ in.

"Atha" Truckee Pattern-Splitting Wedges

No. 980X. Straight Bit

Size (lbs.)	Price	Size (lbs.)	Pric
4	$1.89	6	$2.
5	2.10	8	3.

No. 975. Square Head-Splitting

Size (lbs.)	Price	Size (lbs.)	Pric
3	$1.50	5	$1.
4	1.72	6	2.
		8	2.

No. 1020C. Saw Wedges

Size (lbs.)	Price	Size (lbs.)	Pric
½	$0.98	3	$1.
1	1.20	3	1.

	Length	Head	Bit
Dim. 1 lb. wgt.	5¾ in.	1¼ x ½ in.	2⅜ i

No. 1050A. Rock Wedges

Size (lbs.)	Price
5	$3.34

Stanley-Atha

Rock Drill Sharpening Tools

The Dollies and Sows listed below are those generally called for and these sizes are arried in stock. Dollies and Sows with special grooves can be furnished if desired, nd prices will be quoted upon application.

Dollies

Used for dressing the bits of Rock Drills—For Plus Bits—Square Cut.

No. **530.** Face 2¾ in. square, 6 in. verall. Size of cut ¾ in. wide and ⅜ n. deep. Price **$6.50**

FOR PLUS BITS—DIAGONAL CUT

No. **531.** Face 2¾ in. square, 6 in. verall. Size of cut ¾ in. wide and ⅜ n. deep. Price **$8.20**

FOR HEXAGON 6 PT. HOLLOW BITS

No. **530C.** Dia. head 2⅝ in., dia. in 5/16 in., 6 in. overall. Price **$10.30**

FOR 4 PT. HOLLOW BITS

No. **531C.** Dia. head 2⅝ in., dia. pin 16 in., 6 in. overall. Price **$9.45**

Spreaders

No. **540.** Width of face 1⅝ in., 6¾ in. overall. Price **$2.95**

BOTTOM

No. **541.** Width of face 3 in., shank 1 in. sq. Price **$4.00**

Sows for Plus Bits

A holding block used in the anvil for shaping Rock Drills.

No. **510.** Face 2½ in. square, shank 1 in. square. Cut 3/16 in. wide x ⅞ in. deep. Price **$6.30**

No. **550.** Face 3¼ in. square, shank 1 in. square. Cut ¾ in. wide x 1¼ in. deep. Price **$9.00**

Set Hammer

No. **551.** Face 1⅝ in. x 1¼ in., 6½ in. overall. Price **$3.10**

No. 1190

No. 1200

No. 1210

No. 1220

No. 1230

No.

Stanley-Atha Blacksmiths' Tools

Bottom tools regularly fit a one inch square hole. Other shank sizes can be furnis at extra cost.

SWAGES

Used for shaping, sizing and smoothing round forgings. Catalog size given is diameter of round bar to which the Swage will finish.

No. 1190. Top Swage

Size, in.	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	2½
Weight, lbs.	2½	2½	2½	2½	3¼	3¼	3¼	3¾	4¼	4¾	4¾	5½
Price, each	$2.86	$2.86	$2.86	$3.04	$3.04	$3.52	$3.52	$3.78	$4.32	$4.56	$5.16	$6.58
No. 1190H each (with handle)	3.72	3.72	3.72	3.88	3.88	4.38	4.38	4.68	5.16	5.42	6.04	7.42

No. 1200. Bottom Swage

Size, in.	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	2½
Weight, lbs.	2	2	2½	2½	2½	2½	3	3	3½	4	4½	5½
Price, each	$2.65	$2.65	$2.65	$2.80	$2.80	$3.30	$3.30	$3.50	$4.00	$4.25	$4.85	$6.10

FULLERS

Fullers are used for necking and grooving forgings, and for drawing down a forging to a sm size.

No. 1210. Top Fuller

Size, in.	¼	⅜	½	¾	1	1¼	1½	1¾
Weight, lbs.	2½	2¾	2¾	2¾	3	3½	3½	4
Price, each	$2.94	$2.94	$2.94	$3.04	$3.60	$4.32	$4.32	$5.16
No. 1210H each (with handle)	3.82	3.82	3.82	3.88	4.46	5.16	5.16	6.06

No. 1220. Bottom Fuller

Size, in.	¼	⅜	½	¾	1	1¼	1½	1¾
Weight, lbs.	2¼	2¼	2¼	2½	2½	3½	3½	4
Price, each	$2.94	$2.94	$2.94	$3.04	$3.60	$4.32	$4.32	$5.16

No. 1230. SQUARE FLATTERS

For smoothing and finishing flat forgings.

Size, In.	Weight, Lbs.	Price Each	Size, In.	Weight, Lbs.	Price Each
2	2	$3.40	3	4½	$5.68
2½	3¼	4.48	4	8	11.40
		No. 1230H (With Handles)			
2	2	$4.26	3	4½	$6.56
2½	3¼	5.36	4	8	12.28

No. 1250. SET HAMMERS

For setting down the metal in a forgin form a square corner.

Size, In.	Weight, Lbs.	Price Each	Size, In.	Weight, Lbs.
1¼	2	$2.78	1¾	4½
1½	3¼	3.50		
		No. 1250H (With Handles)		
1¼	2	$3.64	1¾	4½
1½	2	4.36		

. 1260

No. 1290

No. 1300

No. 1310

No. 1270

Stanley-Atha Blacksmiths' Tools

No. 1260. Square Punches

The catalog size is the size of the punch face.

Stk at Eye, In.	Length, In.	Weight, Lbs.	No. 1260 Each	No. 1260H Each
1¼	7	1¼	$2.30	$3.16
1¼	7	1¼	2.30	3.16
1¼	7	2	2.12	3.26
1¼	7	2¼	2.80	3.68
1⅜	7	2⅜	2.90	3.76
1½	7⅛	3½	3.26	4.14
1½	7¼	3⅝	3.82	4.70

No. 1270. Round Punches

For handled punches, specify "H" numbers.

Size, In.	Stk at Eye, In.	Length, In.	Weight, Lbs.	No. 1270 Each	No. 1270H Each
¾	1¼	7¼	1⅜	$2.30	$3.16
⅝	1¼	7½	1½	2.30	3.16
½	1⅜	7¾	1⅞	2.42	3.26
⅝	1⅜	8	2⅛	2.80	3.68
¾	1½	8¼	2¾	2.90	3.76
⅞	1⅝	8½	3½	3.26	4.14
1	1¾	8¾	4½	3.82	4.70

No. 1290. Cold Chisels

Silicon Manganese Alloy Steel.

Cutting Edge. In.	Length, In.	Weight, Lbs.	Price, Each
1¼	6½	2	$2.66
1½	7	3	3.46
1¾	8⅛	5	5.36

No. 1290H—With Handles

Size In.	Each
1¼	$3.54
1½	4.34
1¾	6.24

No. 1300. Hot Chisels

The catalog size is the size of the square at the eye.

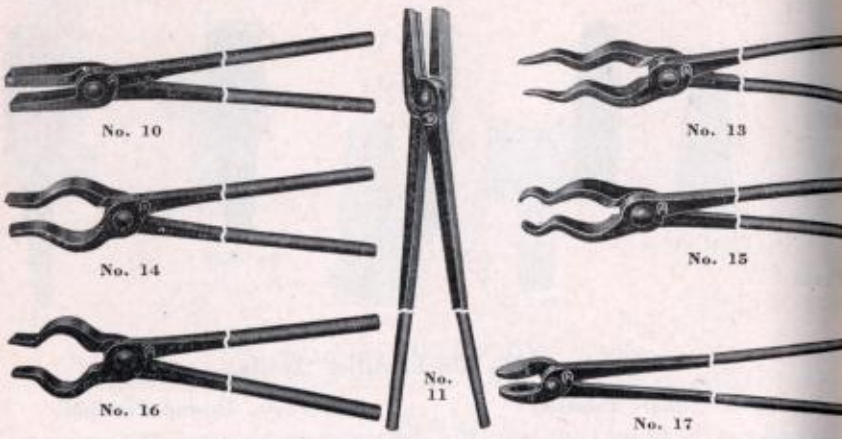
Size, In.	Cutting Edge. In.	Length, In.	Weight, Lbs.	Price, Each
1¼	1⅝	7⅜	2	$2.78
1½	2	8¼	3	3.50
1¾	2¾	9¾	5	5.40

No. 1300H—With Handles

Size In.	Each
1¼	$3.66
1½	4.38
1¾	6.30

No. 1310. Regular Hardies

Size Sq. Shank, In.	Width Bit, In.	Weight, Lbs.	Price, Each
⅝	1⅝	1	$1.66
¾	1⅞	1¼	1.66
⅞	2	1¾	1.86
1	2¼	2	2.20
1⅛	2¼	2½	2.82
1¼	2½	2¾	2.94



Stanley-Atha Blacksmiths' Tongs

No. 11. Straight Lip to Hold Squares

These Tongs have a "V" notch in each jaw so that they can firmly hold square round work. The letter following the number designates the size of square the jaw will hold.

No.		11A	11C	11D	11E	11F	11G	11H	11
11A	Size Square,								
to	Length, in.	18	20	20	22	22	24	24	2
	in.	¼	⅜	½	⅝	¾	⅞	1	1
11J	Price, each	$3.80	$3.92	$3.92	$3.98	$3.98	$4.10	$4.10	$4.

No. 10. Straight Lip

For holding thin flat work. Because of the heavy stock in the jaws, they may be shaped by the blacksmith to suit his individual needs.

Size, in. long	18	24
Price, each	$3.82	$4.10

No. 14. Single Pick Up

Use similarly to No. 13. The jaws are larger; consequently will handle heavier work.

24 in. long — Each $4.22

No. 16. Gad

For general forging purposes.

24 in. long — Each $4.10

No. 13. Double Pick Up

For picking up hot work, either flat round.

24 in. long — Each $4

No. 15. Rivet

Used for handling hot rivets.

24 in. long — Each $4

No. 17. Horseshoers

For holding horseshoes. They are reces on the inside of the face which gives th good holding power.

16 in. long — Each $3

Stanley-Atha Blacksmiths' Tongs

Curved Lip, Fluted Jaw

Used to hold bolts or other round work. The opening between the jaws and the hinge allows ample space for the head of a bolt.

No.		12A	12C	12D	12E	12F	12G	12H	12J
12A	Holds Rounds, in.	¼	⅜	½	⅝	¾	⅞	1	1½
to	Length, in.	18	20	20	22	22	24	24	26
12J	Price, each	**$4.24**	**$4.44**	**$4.44**	**$4.52**	**$4.52**	**$4.68**	**$4.68**	**$4.88**

No. 19. Pick

Principally used for holding miners' picks while being sharpened.

Size	24 in. long
Price, each	**$4.95**

Stanley-Atha Structural Iron Workers Tongs

Light weight, well designed, and made in the patterns most in demand by Structural Workers and Bridge Builders. Black japan finish.

Straight Sticking			Curved Sticking		
No.		Each	No.		Each
1064	18 in. long	**$3.98**	**1065**	18 in. long	**$3.98**
Heating and Passing					
No.		Each	No.		Each
1066	30 in. long	**$4.76**	**1067**	30 in. long	**$4.76**

No. 1320A

No. 1321A

No. 1063

No. 1061F

No. 1062F

Stanley-Atha Structural Iron Workers' Tools

Side Chisel

No.		Each
1320A	7¾ in. long, 1¾ in. Bit	**$6.38**
1320AH	(With Handle)	**7.26**

No. 1061F. Straight Dolly Bars

This catalog is the size of rivet for which tool is intended.

Size, In.	Length, In.	Size, Stock, In.	Price, Each
⅜	24	1⅝	**$5.80**
½	24	1⅝	**5.80**
⅝	24	2	**9.25**
¾	30	2	**11.45**
⅞	30	2⅛	**12.60**
1	30	2¼	**14.25**

Connecting Bar

No.		Each
664	30 in. long, ⅞ in. Dia.	**$2.70**
1063	36 in. long, ¾ in. Dia. Hexagon Steel Pointed one end other end Chisel Point	**2.25**

No. 1321A. Backing Out Punches

The catalog size is the diameter of the face. No. 1321AH furnished with handle.

Size, In.	Length, In.	Size, Lbs.	No. 1321A Each	No. 1321AH Each
⅜	7	1½	**$3.22**	**$4.10**
½	7¾	1⅞	**3.22**	**4.10**
⅝	8	2⅛	**3.54**	**4.40**
¾	8¼	2¾	**3.82**	**4.70**
⅞	8½	3½	**4.10**	**4.90**

No. 1062F. Offset Dolly Bars

The catalog size is the size of rivet for which tool is intended.

Size, In.	Length, In.	Size, Stock, In.	Price, Each
⅜	24	1⅝	**$7.45**
½	24	1⅝	**7.45**
⅝	24	2	**11.55**
¾	30	2	**13.80**
⅞	30	2⅛	**15.60**
1	30	2¼	**17.20**

No. 1442

No. 1440

No. 1060D

No. 1060C

No. 1438

No. 1450

No. 1441

Structural Iron Workers Tools and Stone Cutters Tools

Button Head Rivet Sets

The catalog size is the size of rivet for which tool is intended.

No. **1060D**

Size, in.	½	⅝	¾	⅞
Dia. Cup, in.	⅞	1⅛	1¼	1½
Length, in.	6¼	7	7	7
Price, Each	**$5.12**	**$6.12**	**$6.12**	**$7.56**
No. 1060DH (with handle)	**$6.00**	**$6.98**	**$6.98**	**$8.44**

Barrel Drift Pins

The catalog size is the size at largest diameter. Special High Carbon Steel.

No. **1060C**

Size, In.	Length, In.	Price, Each
9/16	6½	**$0.75**
11/16	6¾	**.77**
13/16	7½	**.80**
15/16	7⅞	**.97**
1 1/16	8⅝	**1.10**

CONCRETE OR BULL POINTS
Forged from Silicon-Manganese Alloy Steel

No.	Size In.	Each	No.	Size In.	Each
1442	⅞ x 12	**$2.40**	**1446**	1⅛ x 18	**$3.85**
1443	⅞ x 18	**2.70**	**1447**	1⅛ x 24	**4.70**
1444	1 x 15	**2.80**	**1448**	1¼ x 18	**5.10**
1445	1 x 18	**3.25**	**1449**	1¼ x 24	**5.40**

Stonecutters' Tools

Forged from clean, sound octagon tool steel and individually tempered.

Stone Point

Made of quarter octagon steel.

No.	Diam.	Length	Price
1438	⅞ in.	9 in.	**$1.75**

Stone Chisel

Made of quarter octagon steel.

No.	Diam.	Length	Bit	Price
1441	⅞ in.	9 in.	⅝ in.	**$1.75**

Plug Drill

Made of quarter octagon steel.

No.	Diam.	Length	Price
1440	¾ in.	18 in.	**$1.80**

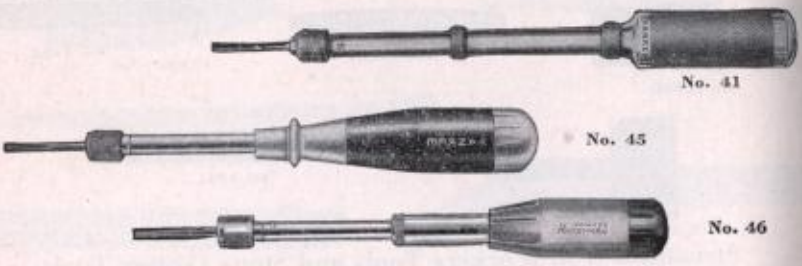
Brick Chisels

No.	Size	Length	Diam.	Price
1450	3 in.	7 in.	¾ in.	**$1.30**
	3½ in.	7½ in.	⅞ in.	**1.40**
	4 in.	7½ in.	⅞ in.	**1.50**

"YANKEE" TOOLS

Reg. U. S. Pat. Off.

MAKE GOOD MECHANICS *BETTER*



No. 41

No. 45

No. 46

"Yankee" Push Drills
with Magazine Handles Containing Drill Points

Really fine tools, "Yankee" Push Drills are standard with mechanics, home owne and hobbyists everywhere. They are ideal for boring pilot holes for screws, brad nails, etc. They drill small holes in hard or soft wood without splintering. T drill point is revolved by pushing on handle, while a spring forces the handle ba in position for next stroke.

The unique construction of the improved chuck holds drill points so they cann be pulled out when tool is in use.

No. 41 with 8 Drill Points

All metal tool, with exposed parts nicely finished. Highly recommended for mechanics' use. Magazine handle easily opened so that all eight drill points are in plain sight for easy selection of correct size. Overall length with drill point in chuck, 11¼ in. **$5.65** Each.

No. 45 with 8 Drill Points

This "Yankee" Push Drill is tough black plastic and polished aluminum. Flange on lower handle makes an ideal thumb rest when tool is in use. Aluminum cap unscrews so that the eight drill points are all in full view for selecting desired size. Overall length with drill point in chuck, 10¼ in. **$4.75** Each.

"Yankee-Handyman"
No. 46 with 4 Drill Points

Magazine handle made of tough pla tic—red with black cap—contains fo drill points, one each 5/64, 7/64, 9/64 a 11/64 in. Unscrew cap and all drill poin are in full view for easy selectio Overall length with drill point chuck 10½ inches. **$3.25** Ea

Extra Drill Points for Push Drill

Sold in sets of eight, 1/16 to 11/64 in in wooden box, or available in straig sizes.

No.	Diam. (in.)	Each	No.	Diam. (in.)	Ea
1	1/16	**$0.17**	5	1/8	**$0.**
2	5/64	.17	6	9/64	.
3	3/32	.17	7	5/32	.
4	7/64	.17	8	11/64	.

No. 9—Set of 8 drill points per set **$1.**

No. 130A.—Standard—Quick Return Spring in Handle

No. 30A. Spiral Ratchet—Standard

"YANKEE" Spiral Ratchet Screw Drivers

The Choice of Skilled Mechanics

"Yankee" Spiral Drivers *turn* while you *push*. For half a century, that labor-saving fact has made "Yankee" Spiral Ratchet Screw Drivers the pride of every mechanic who wants action for his effort. As you push the handle, the ingenious double-spiral grooves in the shaft make the blade revolve and the screw is driven smoothly and powerfully home. Then, with a flick of the ratchet, the same power and smoothness are at your command to remove a screw. Or, another touch on the ratchet and you have a firmly locked, rigid screw driver for any use you wish to make of it.

The advantages of "Yankee" Spirals include greater simplicity, compactness, strength, durability and ease of operation. Their ratchet mechanism is designed for severe service conditions. They are ideal for the assembly line, and, of course, first choice with discriminating mechanics in all fields.

No. 130A, shown on this page, has the latest improved feature available in "Yankee" Spiral Drivers—a "quick-return" spring, which causes the handle to come back automatically after each stroke of the driver. With this feature, it is a particularly useful tool to drive screws in deep, narrow or awkward places—or overhead, where operator's left hand cannot conveniently hold chuck.

See your dealer for prices on "Yankee" Vises

No. 135. For Small Screws
Quick Return

No. 131A.
Heavy Duty—Quick Return

No. 133H. "Yankee-Handyman"
Quick Return

No. 233H. "Yankee-Handyman"
Transparent Handle
Quick Return

"Yankee" Spiral Ratchet Screw Drivers

Strong, easy-to-use Drivers with right and left-hand adjustments. They drive a draw screws or can be set rigid as an ordinary screw driver. The movement changed instantly by a simple shifter. Spindle can be locked closed. Nos. 130A, 131 135, 133H and 233H are the "quick-return" type, with a spring in the handle. T spring pressure keeps blade in screw slot and pushes handle back after each strok Standard style also available in same 3 sizes does not have spring in handle.

"Yankee" Spiral Ratchet Screw Drivers are recommended for assembly work of kinds. Three bits of different widths and thicknesses are furnished with each "Yanke Spiral Ratchet Driver except Nos. 133H and 233H Handyman. Accessories for u with these tools are shown on the next two pages.

Standard

No.	Length with Bit Extended	Length with Bit Closed	Each
30A	18¼ in.	13 in.	**$6.90**
130A Quick Return	20 in.	14¾ in.	**7.50**

Heavy Pattern

Heavy duty tools for larger screws.

No.	Length with Bit Extended	Length with Bit Closed	Each
31A	25 in.	16¾ in.	**$8.70**
131A Quick Return	28 in.	19⅜ in.	**9.30**

Light Pattern

Especially suited for driving small screws. Knob handle.

No.	Length with Bit Extended	Length with Bit Closed	Each
135 Quick Return	13½ in.	10¼ in.	**$6.50**

"Yankee-Handyman"

These Spiral Screw Drivers have be developed expressly for household pu poses and are general utility tools. Wi the accessories available (as shown next two pages), they can be used f boring holes, countersinking them, well as for driving and drawing screw No. 133H comes equipped with one screw driver bit. No. 233H is the sa construction as No. 133H but has transparent magazine handle and is fi nished with ¼" and 5/32" screw driv bits, 5/64"H, 7/64"H and 9/64"H d points. Both are "quick-return" type.

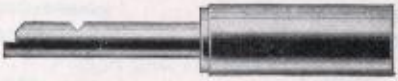
No.	Length with Bit Extended	Ea
133H Quick Return	9⅝ in.	**$2.**
233H Quick Return	10 in.	**4.**

(See two following pages for accessories for "Yankee" Spiral Drivers)

Standard Screw Driver Bit

Heavy Duty Screw Driver Bit

Phillips Screw Driver Bit



Bit with Centering Sleeve

Accessories for "Yankee" Spiral Screw Drivers

Accessories for "Yankee" Spiral Screw Drivers are available as listed below. When ordering accessories for your "Yankee" Screw Driver, mention number of the tool. Order from your Dealer.

Standard Screw Driver Bits

For Nos. 30A, 130A

No.	Width Tip	Thickness at Tip	Length Overall	Each
011	7/32 in.	.030 in.	3⅞ in.	**$0.37**
012	¼ in.	.035 in.	3⅞ in.	**.37**
013	9/32 in.	.040 in.	3⅞ in.	**.37**
010	Set of three		Per Set	**1.10**

For Nos. 31A, 131A

No.	Width Tip	Thickness at Tip	Length Overall	Each
111	¼ in.	.035 in.	3⅞ in.	**$0.37**
112	9/32 in.	.040 in.	3⅞ in.	**.37**
113	5/16 in.	.040 in.	3⅞ in.	**.37**
110	Set of three		Per Set	**1.10**

For Nos. 35, 135

No.	Width Tip	Thickness at Tip	Length Overall	Each
511	5/32 in.	.020 in.	3 in.	**$0.37**
512	3/16 in.	.025 in.	3 in.	**.37**
513	7/32 in.	.030 in.	3 in.	**.37**
510	Set of three		Per Set	**1.10**

For Nos. 33H, 133H, 233H

No.	Width Tip	Each
31	5/32 in.	**$0.24**
32	¼ in.	**.24**

Bits for Phillips Recessed Head Screws

For Nos. 30A, 130A	For Nos. 31A, 131A			For Nos. 35, 135, 33H, 133H, 233H		
	Point			Point		
No.	No.	Size	Each	No.	Size	Each
301	311	1	**$0.50**	351	1	**$0.50**
302	312	2	**.50**	352	2	**.50**
303	313	3	**.50**	Short Length		
	314	4	**.50**	351X	1	**$0.50**
				352X	2	**.50**

Heavy Duty Screw Driver Bits

Especially adapted for self-tapping sheet metal screws.

For Nos. 30A, 130A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3041	.218 in.	.025 in.	3 in.	**$0.60**
3042	.250 in.	.032 in.	3 in.	**.60**
3043	.281 in.	.040 in.	3 in.	**.60**

For Nos. 31A, 131A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3141	.250 in.	.040 in.	3 in.	**$0.60**
3142	.281 in.	.048 in.	3 in.	**.60**
3143	.312 in.	.060 in.	3 in.	**.60**

For Nos. 35, 135, 33H, 133H, 233H

No.	Width Tip	Thickness at Tip	Length Overall	Each
3541	.156 in.	.025 in.	2½ in.	**$0.60**

Heavy Duty Screw Driver Bits with Centering Sleeves

For Nos. 30A, 130A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3051	.218 in.	.030 in.	2 13/16 in.	**$1.50**
3053	.281 in.	.035 in.	3 13/32 in.	**1.50**

For Nos. 31A, 131A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3152	.281 in.	.035 in.	3 13/32 in.	**$1.50**
3153	.312 in.	.042 in.	3½ in.	**1.50**

For Nos. 35, 135, 33H, 133H, 233H

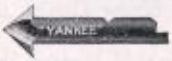
No.	Width Tip	Thickness at Tip	Length Overall	Each
3551	.156 in.	.023 in.	2 9/16 in.	**$1.50**

Chuck and Drill Points

Combination Sockets

Heavy Duty Sockets

Countersink



"Yankee-Handyman" Accessory Pak

Accessories for "Yankee" Spiral Screw Drivers

Chuck and Drill Set

With these attachments you can use your "Yankee" Spiral Driver to drill holes in wood. Drill point fits into chuck and the two together are then placed in chuck of spiral driver in the same manner as a regular bit.

For medium and heavy "Yankee" Spirals, the eight sizes of drill points are furnished: for lighter drivers Nos. 35 and 135, only the three smallest drill points are supplied with the extra chuck.

No.	For Drivers	No. Pts. with Chuck	Size Range In.	Per Set
309	30A, 130A	8	1/16 to 11/64	$1.65
319	31A, 131A	8	1/16 to 11/64	1.65
359	35, 135	3	1/16 to 3/32	.85

"Yankee" Handyman Drill Point Set

No.	No. Pts.	Size	Set
333H	3	5/64"H, 7/64"H, 9/64"H	$0.70

No chuck adapter required for "Handyman" Drill Points. For 33H, 133H, 233H screw drivers.

Countersinks

For reaming holes for heads of Screws. High quality steel for hard and soft woods.

No.	For Drivers	Each
3030	30A, 130A	$0.60
3130	31A, 131A	.60
3530	35, 135	.42
	33H, 133H, 233H	.42

Accessory Pak

For "Yankee-Handyman" Drivers Nos. 33H, 133H, 233H. Contains three drill points 5/64"H, 7/64"H and 9/64"H sizes, countersink and 5/32" Screw Driver Bit. Packed on a card.
No. 330H Per Set $1.32

Combination Sockets for Stove Bolts and Hex Nuts

For Nos. 30A, 130A

No.	Size In.	Each	No.	Size In.	Each
3071	1/4	$0.70	3074	3/8	$0.80
3072	5/16	.70	3075	7/16	.80
3073	11/32	.80	3076	1/2	.90

For. Nos. 31A, 131A

No.	Size In.	Each	No.	Size In.	Each
3171	1/4	$0.70	3175	7/16	.80
3172	5/16	.70	3176	1/2	.90
3173	11/32	.80	3177	9/16	.90
3174	3/8	.80	3178	5/8	.90

For Nos. 35, 135, 33H, 133H, 233H

No.	Size In.	Each
3571	1/4	$0.70
3572	5/16	.70
3573	11/32	.80

Heavy Duty Sockets For Hex Nuts, Sheet Metal Screws

For Nos. 30A, 130A

No.	Size In.	Each	No.	Size In.	Each
3061	1/4	$0.90	3065	3/8	$1.00
3063	5/16	.90	3067	7/16	1.00
3064	11/32	1.00	3068	1/2	1.10

For Nos. 31A, 131A

No.	Size In.	Each	No.	Size In.	Each
3161	1/4	$0.90	3166	7/16	$1.00
3162	5/16	.90	3167	1/2	1.10
3163	11/32	1.00	3168	9/16	1.10
3164	3/8	1.00	3169	5/8	1.10

For Nos. 35, 135, 33H, 133H, 233H

No.	Size In.	Each
3561	3/16	$0.90
3562	1/4	.90
3563	5/16	.90

No. 10A

No. 15A

No. 12

No. 2H

"Yankee" Ratchet Screw Drivers

Right, Left Hand and Rigid

"Yankee" Ratchet Screw Drivers are of the highest quality throughout. Their time and labor saving features make them good tools for industry as well as for individual users in all fields.

Blades are of special alloy steel, properly hardened, tempered and polished. Ratchet mechanism is sensitive, yet of durable construction.

No. 10A—Standard Blade and Tip

Ratchet adjustment is made by shifter which moves parallel to blade. For driving screws, shifter is moved toward blade; for withdrawing, shifter is moved toward handle.

No.	Blade	Diameter Bar	Length Overall	Each
10A	3 in.	¼ in.	7⅝ in.	**$1.80**
	4 in.	¼ in.	8⅝ in.	**1.90**
	5 in.	¼ in.	9½ in.	**2.00**
	6 in.	5/16 in.	11⅛ in.	**2.10**
	8 in.	5/16 in.	13½ in.	**2.40**

No. 12—Stubby Driver

Sturdy screw driver for gunsmiths, electricians, and others who require a strong screw driver with a short blade. Ratchet shifter moves across, rather than parallel to blade length.

No.	Blade	Bar	Overall	Each
12	1 in.	5/16 in.	5½ in.	**$2.50**

No. 15A—Cabinet Style

Narrow blade—diameter 3/16 in. Small handle. Especially well suited for driving small screws on radios, electric appliances, cars, etc. Knurled washer can be turned with forefinger or thumb to save time starting screws. Ratchet shifter operates same as No. 10A.

No.	Blade	Diameter Bar	Length Overall	Each
15A	2 in.	3/16 in.	4⅝ in.	**$1.70**
	3 in.	3/16 in.	5⅞ in.	**1.80**
	4 in.	3/16 in.	6½ in.	**1.80**
	5 in.	3/16 in.	7¾ in.	**1.90**
	6 in.	3/16 in.	8¾ in.	**1.90**
	8 in.	3/16 in.	10⅞ in.	**2.00**

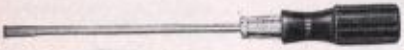
No. 2H—"Yankee-Handyman"

One of the handiest drivers made. Used to adjust screws on electric appliances, radios, light sockets, toys, guns, fishing reels. Genuine "Yankee" quality with positive ratchet action. Black finish hardwood handle.

No.	Blade	Overall	Each
2H	1¼ in.	4 1/16 in.	**$0.59**

No. 90. Standard Blade and Tip

No. 902. Heavy Duty—Phillips



No. 95. Cabinet Blade and Tip

No. 942. Standard Duty—Phillips

No. 92. Standard Blade and Tip
Composition Handle

"Yankee" Screw Drivers

Rigid Type

These Drivers are made of the best materials available, so that they will stand up under severe use. Blades are special analysis alloy steel, carefully hardened and tempered. Blades are securely fastened in selected hardwood handles with black finish, except No. 92, which has high grade composition handle. 18, 24 and 30 inch sizes No. 90 have double grip handle.

Standard Blade and Tip

No.	Size	Blade Diameter	Length Overall	Each
90	1½ in.	7/32 in.	4¼ in.	**$0.75**
	2 in.	7/32 in.	5¾ in.	**.75**
	3 in.	7/32 in.	7½ in.	**.85**
	4 in.	¼ in.	9¼ in.	**.90**
	5 in.	5/16 in.	10½ in.	**1.00**
	6 in.	5/16 in.	11¾ in.	**1.00**
	8 in.	⅜ in.	14 in.	**1.35**
	10 in.	7/16 in.	16⅜ in.	**1.60**
	12 in.	7/16 in.	18¼ in.	**1.85**
	15 in.	7/16 in.	21⅜ in.	**2.35**
	18 in.	½ in.	26¾ in.	**3.00**

Cabinet Blade and Tip

No.	Size	Blade Diameter	Length Overall	Each
95	1½ in.	3/16 in.	4⅛ in.	**$0.70**
	2½ in.	3/16 in.	6¼ in.	**.70**
	3½ in.	3/16 in.	7¼ in.	**.75**
	4½ in.	3/16 in.	8¼ in.	**.80**
	5½ in.	3/16 in.	9¼ in.	**.85**
	6½ in.	3/16 in.	10¼ in.	**.95**
	8½ in.	7/32 in.	13 in.	**1.10**
	10½ in.	7/32 in.	15 in.	**1.20**
	12½ in.	7/32 in.	17 in.	**1.30**
	15½ in.	7/32 in.	20 in.	**1.55**

For Phillips Head Screws
Heavy Duty

No.	Point Size	Fits Phillips Screws	Overall Length	Each
901	1	No. 4 and smaller	6⅞ in.	**$0.80**
902	2	Nos. 5 to 9 inclusive	9¼ in.	**.85**
903	3	Nos. 10 to 16 inclus.	11⅝ in.	**1.00**
904	4	No. 18 and larger	13⅞ in.	**1.25**

Standard Duty

No.	Point Size	Fits Phillips Screws	Overall Length	Each
941	1	No. 4 and smaller	6¼ in.	**$0.45**
942	2	Nos. 5 to 9 inclusive	9 in.	**.50**
943	3	Nos. 10 to16 inclus.	11½ in.	**.70**
944	4	No. 18 and larger	14¼ in.	**.90**

Composition Handles
Standard Blade and Tip

No.	Size	Blade Diameter	Length Overall	Each
92	1½ in.	5/16 in.	3 7/16 in.	**$0.80**
	4 in.	¼ in.	7⅝ in.	**.85**
	6 in.	5/16 in.	9⅞ in.	**1.15**
	8 in.	⅜ in.	12 7/16 in.	**1.60**

No. 1431A

No. 1446

No. 1455A

"Yankee" Hand and Breast Drills

These high quality "Yankee" Drills are favorites with mechanics in all fields. They are ideal Drills for all users who do not require a Drill with various ratchet adjustments. Knurled chucks have a "bulldog" grip that holds drills tight. All have sturdy, solid gears and pinions with machine cut teeth. Handles and knobs are hardwood.

The two-speed drills are equipped with a convenient shifter located on main frame between pinion gears. This allows for quick change from fast to slow speeds. With shifter in center, gears are locked so that chuck can be readily opened or closed.

Hand Drills

Single Speed—9/32 Inch Capacity

Three-jaw chuck takes round shank drills up to 9/32 inch. Handle, 3½ inches long, is solid polished hardwood.

No.		Each
1431A	9⅜ in. long	**$7.50**

Two Speeds—⅜ Inch Capacity

Three-jaw chuck takes round shank drills up to ⅜ inch. Frame is malleable iron, finished black. Drill is adjustable for fast and slow speeds. Hollow hardwood handle is detachable at milled nut, providing a magazine for drills.

No.		Each
1446	14½ in. long	**$14.70**

Breast Drills

Two Speeds—½ Inch Capacity

Equipped with malleable iron frames, finished black. Adjustable roller bearing at chuck end of spindle. Breast plate is adjustable and has polished face. Crank and side handle are hardwood. Side handle, 4 inches long, is detachable and has a screw driver bit. No. 1455 has a three-jaw chuck for round shank drills. No. 455A has a two-jaw chuck for either round or square shank drills.

No.		Each
1455A	16½ in. long	**$21.55**
455A	17 in. long	**21.55**

"Yankee" Ratchet Hand and Breast Drills

These "Yankee" Drills are known everywhere for their ingenious features. They perform efficiently for regular drilling as well as in those hard-to-get-at corners where other drills cannot be used.

Five different spindle movements are instantly available: plain drive, right-hand ratchet, left-hand ratchet, continuous ratchet, spindle locked for opening chuck. Moving shifter from one notch to another makes ratchet adjustments. With shifter in the continuous ratchet notch, the drill cuts continuously on both the forward and backward movements of crank. Even where there is only an inch or so in which to move the crank, the drill may be operated.

On the two-speed Drills, changes of speed are made by shifting the lever at hub of crank. You can shift from high speed to low, or the reverse at any time, in any part of a revolution, or in any of the ratchet movements, without removing drill from work.

Gear and pinion teeth are machine cut.

Single Speed—9/32 Inch Capacity

Compact, convenient size Drill—only 10½ inches long and it weighs only 1¼ pounds. A popular choice of mechanics and home craftsmen. Single speed with three-jaw chuck for round shank drills up to 9/32 inch. Hardwood handle is detachable at milled nut, with deep drill magazine inside.

No.		Each
1530A	10½ in. long	**$10.50**

Two Speeds—⅜ Inch Capacity

Two-speed Ratchet Drills with capacity up to ⅜ inch. Frame is malleable iron. Steel spindle with adjustable ball bearing. Hardwood handle is detachable at milled nut with deep drill magazine inside. Side handle is removable and has screw driver bit. No. 1545 has three-jaw chuck for round shank drills.

No.		Each
1545	16 in. long	**$22.50**

Breast Drills

Heavy duty, two speed Breast Drill with a strong malleable iron frame, black finish. Breast plate is adjustable and has a polished face. Removable side handle has screw driver bit. Steel spindle has adjustable ball bearing.

Two Speeds—½ Inch Capacity

No. 1555 is furnished with three-jaw chuck for round shank drills. No. 555A has two-jaw chuck that will take either round or square shank drills.

No.		Each
1555A	17 in. long	**$27.50**
555AA	18 in. long	28.35

No. 2100. Bit Brace

"Yankee" Ratchet Bit Braces

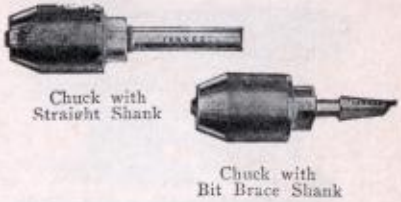
Highest quality Braces for all users who want a deluxe, durable tool. Ratchet action works easily and quietly. Ratchet shifter is positive in action, and will not move when Brace is in use. Quick-centering, ball-bearing chuck holds round, square or taper shanks up to ½ in. diameter. Handles are of hard rubber, and are practically unbreakable. Patented sweep handle eliminates excessive play or binding. No. 2100 has chromium plated metal parts. No. 2101 has a less expensive finish, but otherwise is the same as No. 2100.

Sweep	No. 2100	No. 2101
8 in.	**$17.00**	**$14.45**
10 in.	**17.00**	**14.45**
12 in.	**17.35**	**14.75**
14 in.	**18.00**	**15.35**

"Yankee" Bit Extensions

In a "Yankee" Bit Extension there are no jaws to break or get out of order. Chuck is constructed to accommodate a large range of Auger Bits and hold them securely. Square shank is held firmly by inner socket. A special "Yankee" feature prevents jamming of bit in socket. Taper end of shank is accurately machined to fit securely in Brace. Bits will not loosen and come out while in use. Will follow 11/16 in. bit or larger.

No.		Each		Each
2150	15 in.	**$5.00**	21 in.	**$5.35**
	18 in.	**5.00**	24 in.	**5.40**



No. 2150. Bit Extension

"Yankee" Drill Chucks

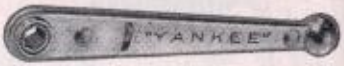
Simple in construction—accurate and efficient in use. They are of the same high quality as the chucks furnished on "Yankee" Hand and Breast Drills. Made of special steel, polished and chromium plated. Straight shanks are accurately turned to ½ inch diameter. Bit Brace Shanks are square taper milled to fit Braces, two-jaw Breast Drills and other tools.

No.	Chuck Capacity	Outside Diameter	Length	Each
Straight Shank				
1593	¼ in.	1 in.	4½ in.	**$4.55**
1594	⅜ in.	1⅜ in.	5 in.	**5.15**
1595	½ in.	1½ in.	5⅜ in.	**5.65**
Bit Brace Shank				
1593-BB	¼ in.	1 in.	4 in.	**$4.55**
1594-BB	⅜ in.	1⅜ in.	4⅜ in.	**5.15**
1595-BB	½ in.	1½ in.	4¾ in.	**5.65**

No. 3600-9 Offset Kit

Handy pocket kit for the mechanic who needs a screw driver to fit various sizes of hollow head set screws and cap screws. Kit is made of red and transparent plastic with pockets to hold adapters. Contains No. 3600 handle and one each Hex Keys for hollow screws: Nos. 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618. **$5.00** Each

No. 3400. For Slotted Screws



No. 3600. Ratchet Handles

No. 3423. For Phillips Screws with No. 2 and 3 Point Bits

Interchangeable Adapters for "Yankee" Offset Handles

"Yankee" Offset Ratchet Screw Drivers

Vest-pocket tools with the power of an ordinary eight-inch screwdriver. They need only an inch or so of clearance. Blades and adapters made of special alloy steel, properly hardened and tempered. Handles are nickel plated.

For Slotted Screws

No. 3400

Excellent tool for shop or home. For close quarter work. Seats a No. 14 Screw with ease. Furnished with two blades in head—¼ in. x .035 in. and ⅜ in. x .045 in. 3⅞ in. long.

$0.85 Each

No. 3800

Same style as No. 3400 but of heavier construction. Two screw driver blades: ⅜ in. x .045 and 7/16 in. x .060 in. 4¾ in. long. **$1.25** Each

For Phillips Head Screws

No. 3423

Equipped with No. 2 and No. 3 point Phillips Bits to drive a broad range of Phillips Screws and Bolts. Otherwise same style as No. 3400. 3⅞ in. long.

$1.25 Each

No. 3412

Same as No. 3423 but equipped with Nos. 1 and 2 point Phillips Bits.

$1.20 Each

Offset Ratchet Handles

Handles only, available for use with interchangeable adapters to drive slotted screws, hollow screws and Phillips Recessed Head Screws.

No.		Each
3600	3⅞ in. long	**$1.00**

Adapters for No. 3600 Handle

No.	Type	Each
3601	Screw Driver, ¼" x .035"	**$0.40**
3602	Screw Driver, 13/32" x .045	.40
3611	5/64" Hex Key for hollow screws	.40
3612	3/32" Hex Key for hollow screws	.40
3613	⅛" Hex Key for hollow screws	.40
3614	5/32" Hex Key for hollow screws	.40
3615	3/16" Hex Key for hollow screws	.40
3616	7/32" Hex Key for hollow screws	.40
3617	¼" Hex Key for hollow screws	.40
3618	5/16" Hex Key for hollow screws	.40
3631	Phillips No. 1 point bit	.60
3632	Phillips No. 2 point bit	.60
3633	Phillips No. 3 point bit	.60
3634	Phillips No. 4 point bit	.60

No. 993. Without Swivel Base

No. 1993. With Swivel Base

No. 2993. Vise Clamp

No. 990. Utility Vise with Swivel Jaw

"Yankee" Vises

With or Without Swivel Base

All-around utility Vises for mechanics, schools and home craftsmen. "Yankee" Vises without bases can be used on the work bench, drill press and on other machines. With swivel bases, they can be used on bench work, and Vise can be quickly detached for use on drill press, milling machine, etc. This is an exclusive "Yankee" feature and a great convenience where work must be held for continuous machine and hand operations. They can be readily converted into jigs. All sizes are accurately milled so that they can be used on either side or front end, as well as base. A hardened steel block with V-shaped grooves is provided for holding round stock.

Jaws Open	Width Jaws	Length	No. (Without Base)	Each	No. (With Swivel Base)	Each
1½ in.	1½ in.	3⅝ in.	**991**		**1991**	
1 15/16 in.	2 in.	4⅞ in.	**992**		**1992**	
3⅛ in.	2¾ in.	7¼ in.	**993**		**1993**	
4 in.	4 in.	10½ in.	**994**		**1994**	

"Yankee" Vise Clamps

Useful accessory for owners of "Yankee" Vises. Hold work rigidly for drilling and other machining operations. Can be applied to the face plate of drill press. Long slotted hole in base allows clamp to be swung to various positions for drilling, tapping, filing, etc.

No.		Each
2992	For Vises Nos. 992 and 1992	
2993	For Vises Nos. 993 and 1993	

"Yankee" Vise with Swivel Jaw

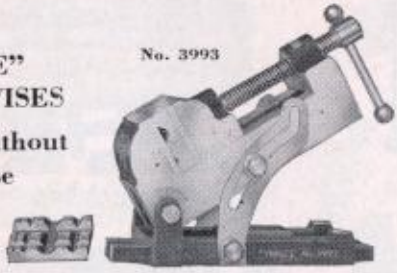
Can be fastened to bench with "C" clamps or screws. Used for drill press work and other machining operations. V-groove in front jaw holds round work rigid and parallel. Removable swivel jaw holds tapered stock or irregular shapes firmly. Bottom and sides accurately machined. Swivel base or vise clamp not available for this vise.

No.	Jaws Open	Width Jaws	Length	Each
990	3 in.	2⅜ in.	6¾ in.	

See your dealer for prices on "Yankee" Vises

"YANKEE" ANGLE VISES

with or without swivel base


No. 3993

No. 4993

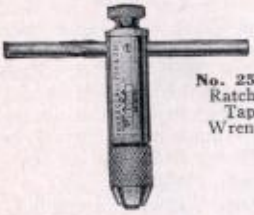
Strong, serviceable Angle Vises that are particularly well suited to machine shop practice due to their unique design and construction features. They are ideal for set-up work where the job demands speed and accuracy, and for drilling, milling, sawing, grinding and filing the work at difficult angles. Recommended for use in machine shops experimental work, garages, home workshops, tool rooms, vocational schools, etc.

"Yankee" method of angle adjustment does not interfere with full capacity of jaw opening. Jaws have hardened steel face plates for long wear. Swivel base is securely locked in any position by simple movement of lever—won't loosen in use. With Nos 4992 and 4993, the Vise can be removed from swivel base by simply loosening one set screw in a matter of seconds, and work held in Vise isn't disturbed. Grooved V block for holding rounds furnished with each Vise.

Jaws Open	Width Jaws	Length	No. (Without Base)	Each	No. (With Swivel Base)	Each
1 15/16 in.	2 in.	6½ in.	**3992**		**4992**	
3 in.	2¾ in.	9¼ in.	**3993**		**4993**	

See your dealer for prices on "Yankee" Vises

"Yankee" Tap Wrenches


No. 250A. Ratchet Tap Wrench

Ingenious tools for hand tapping. Designed with the following features: (1) Small knurled knob on top for starting the tap or backing out; (2) Crossbar handle is held in most convenient position by friction; (3) Famous "Yankee" ratchet enables user to work in tight places—a slight back and forth movement of the crossbar is enough to make the tap cut.

No.	Tap Capacity	Overall Length	Each
250A	3/16 in.	3¼ in.	**$3.0**
251A	5/16 in.	4 9/16 in.	**4.2**
1251A	5/16 in.	13 in.	**5.8**

Russell Jennings®

No. 100. Auger Bit

No. 100.
Double Thread

No. 101.
Single Thread

No. 17½. Qtrs.

Bit Set.
No. BX-D32½.

Russell Jennings Auger Bits

The genuine Russell Jennings pattern, Extension Lip Auger Bits are made of special analysis steel, forged carefully. Extension lip and spur on each bit are hand filed to a sharp but durable edge. Correct body taper prevents binding. Accurately entered screw with properly tapered threads draws bit rapidly without forcing. Each individual bit is tested by boring into a block of tough hickory before packing.

No. 100 Auger Bits have a double thread on the screw and are recommended for boring in soft wood. No. 101 Bits have a coarse single thread for fast boring in gummy or extremely hard wood.

Size	No. 100	No. 101
3/16 in.	$1.40	....
4/16 in.	1.30	$1.30
5/16 in.	1.30	1.30
6/16 in.	1.40	1.40
7/16 in.	1.50	1.50
8/16 in.	1.60	1.60
9/16 in.	1.70	1.70
10/16 in.	1.80	1.80
11/16 in.	1.90	1.90
12/16 in.	2.00	2.00
13/16 in.	2.10	2.10
14/16 in.	2.30	2.30
15/16 in.	2.40	2.40
16/16 in.	2.50	2.50
17/16 in.	2.80	2.80
18/16 in.	3.10	3.10
20/16 in.	3.40	3.40
22/16 in.	3.80	3.80
24/16 in.	4.25	4.25
28/16 in.	5.55	5.55
30/16 in.	6.40	6.40
32/16 in.	7.20	7.20

Russell Jennings Bits in Wood Boxes

Set of thirteen No. 100 or No. 101 Auger Bits, one each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16 in. sizes, packed in three-section hardwood box.

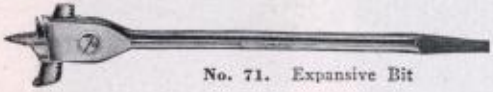
No. BX-D32½ (No. 100 Bits) **$28.70** Per Set
No. BX-S32½ (No. 101 Bits) **28.70** Per Set

Russell Jennings Bits in Canvas Rolls

No. 100 or No. 101 Bits in handy canvas rolls. Unless otherwise specified, No. 100 Bit is furnished.

No.	Quantity Bits	Sizes	Per Set
32½ Qtrs.	13	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16/16 in.	$25.20
20½ Qtrs.	9	4, 5, 6, 7, 8, 10, 12, 14, 16/16 in.	16.70
17½ Qtrs.	7	4, 6, 8, 10, 12, 14, 16/16 in.	13.80

No. 100ED. Power Bit



No. 71. Expansive Bit

No. 100ED—7½

Russell Jennings Power Bits For Electric Drills "50-50" Brad-screw Point

¼ inch shank bits for boring in wood with electric drill or drill press. Designed to drill smoother, cleaner-cut holes faster, easier in soft or hard wood. "50-50" point feeds bit quickly—interrupted thread releases bit instantly by a slight pull-back on the drill.

No.	Size	Length	Each
100ED	5/16	6 in.	**$1.10**
	5/16	6 in.	**1.20**
	6/16	6 in.	**1.30**
	7/16	6½ in.	**1.40**
	8/16	6½ in.	**1.50**
	9/16	6½ in.	**1.75**
	10/16	6½ in.	**1.95**

No.	Size	Length	Each
100ED	11/16	7 in.	**$2.20**
	12/16	7 in.	**2.25**
	14/16	7 in.	**2.50**
	16/16	7 in.	**2.90**

Bit Sets	Per Set
100ED-7½—5 Bits—one each 4, 5, 6, 7, 8/16 in.	**$7.15**
100ED-18¾—8 Bits—one each 4, 5, 6, 8, 10, 14, 16/16 in.	**15.65**

Russell Jennings Expansive Bits In Plastic Roll

Strong, long-lasting Expansive Bits for skilled woodworkers and hobbyists. Solid head construction. Cutter racks through the head; cannot spring away. Easy, positive adjustment. Full turn of adjusting screw enlarges hole ⅛ inch; half turn 1/16 inch.

No. **71**—Equipped with two size cutters—one for holes 1½ to 2½ inch; one for holes ⅞ to 1½ inch. **$5.00** Each.

No. **71B**—Equipped with three sizes of cutters—for holes 2½ to 3 inch, 1½ to 2½ inch, ⅞ to 1½ inch. **$6.00** Each.

No. 78. Cutter

No. 74. Adjusting Screw

No. 75. Clamping Screw

No. 76. Washer

Extra Parts for Expansive Bits

No.		Each
72	Cutter for holes 1½ to 2½ in.	$1.20
73	Cutter for holes ⅞ to 1½ in.	1.00
77	Cutter for holes 2½ to 3 in.	1.20
74	Adjusting Screw	.30
75	Clamping Screw	.30
76	Beveled Washer	.30

No. L101E.
Electrician's Bit

No. 122. Scotch
Pattern Bit

No. 125. Power Bit
(Available in No. 125A Set)

No. 102. Long Dowel Bit

No. 202.
Car Bit

Russell Jennings Bits

All made of special analysis steel, electric furnace tempered. Carefully manufactured to produce high quality bits for fast, accurate boring in wood.

Electricians Bits

Special design Auger Bits with single spur and cutter, and coarse thread screw. They cut rapidly and hold their cutting edge. Popular with plumbers as well as electricians. 10½ inches long.

No.	Size	Each
L 101E	10/16 in.	**$2.05**
	11/16 in.	**2.20**
	12/16 in.	**2.40**
	13/16 in.	**2.50**

Scotch Pattern Bits

Special bits with side lips instead of spurs. Recommended for boring in hard, tropical wood; also effective for boring in end grain of soft wood, and the end and cross grain of hard wood.

No.	Size	Each
122	5/16 in.	**$1.20**
	6/16 in.	**1.30**
	7/16 in.	**1.40**
	8/16 in.	**1.50**
	9/16 in.	**1.60**
	10/16 in.	**1.70**
	11/16 in.	**1.80**
	12/16 in.	**1.90**

Stanley Power Bit Set "50-50" Brad-Screw Point

Solid center bits with "50-50" Point—single thread portion leads bit into wood, flat side allows user to withdraw bit instantly from work. ¼ inch shanks fit electric drill chucks for boring in wood. Short shanks permit boring in close quarters.

Five popular sizes—4/16, 5/16, 6/16, 7/16, 8/16 inch—one each size packed in display box. Overall lengths 4-4¼ inches.

No. 125A Set **$4.50**

Car Bits

Used by electricians and linemen and others for boring in heavy timber. Length of twist, 12 inches. Length overall, 18 inches.

No.	Size	Each	No.	Size	Each
202	4/16 in.	**$2.50**	**202**	11/16 in.	**$3.40**
	5/16 in.	**2.50**		12/16 in.	**3.50**
	6/16 in.	**2.60**		13/16 in.	**3.60**
	7/16 in.	**2.70**		14/16 in.	**3.90**
	8/16 in.	**2.80**		15/16 in.	**4.15**
	9/16 in.	**3.00**		16/16 in.	**4.45**
	10/16 in.	**3.20**			

Long Dowel Bits

These bits are designed especially for boring holes to receive dowels. Ideal for use wherever a bit shorter than standard length would be more advantageous. Overall length 4½ to 5 inches.

No.	Size	Each
102	4/16 in.	**$1.50**
	5/16 in.	**1.50**
	6/16 in.	**1.60**
	7/16 in.	**1.70**
	8/16 in.	**1.80**

No. 300. Machine Dowel Bit

No. 315. Machine Bit

No. 305. Square Shank Machine Dowel Bit

No. 317. Machine Bit

Russell Jennings Machine Bits

Types of auger bits adapted to power feeding for production work. Length of twist varies with work to be performed.

No. 300 Machine Dowel Bit

Short bits. Length of twist 1⅛ in. Turned shank 1⅛ x 5/16.

Size in 16ths	Each	Size in 16ths	Each
3	**$2.50**	6	**$2.60**
3½	**2.50**	7	**2.60**
4	**2.50**	8	**2.60**
5	**2.50**		

Square Shank Machine Dowel Bits

No. 305—Thread on shank, 7/16 in. diameter, 14 threads per inch. 3½ in. overall. Two sizes in 16ths:

7 **$2.80** each; 7¼ **$2.90** each

No. 308—Thread on shank, 5/16 in. diameter, 20 threads per inch. 4½ in. overall. Seven sizes:

Size in 16ths	Each	Size in 16ths	Each
5	**$2.80**	7	**$2.80**
6	**2.80**	8	**2.90**

Square Shank Machine Dowel Bits

No. 309—Thread on shank, 7/16 in. diameter, 14 threads per inch. 4½ in. overall. Nine sizes.

Size in 16ths	Each	Size in 16ths	Each
4	**$2.80**	7	**$2.80**
5	**2.80**	7¼	**2.90**
6	**2.80**	7½	**2.90**
6¼	**2.80**	8	**2.90**

Turned Shank Machine Bits

No. 311—Length of twist 2 inches. Shank 2 x ½ inch.

Size in 16ths	Each	Size in 16ths	Each
4	**$3.00**	8	**$3.20**
6	**3.00**	16	**4.55**
7	**3.10**		

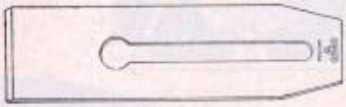
Turned Shank Machine Bits

No. 315—Length of twist 4 inches. Shank 2 x ½ inch.
No. 317—Length of twist 6 inches. Shank 2 x ½ inch.
No. 319—Length of twist 8 inches. Shank 2 x ½ inch.

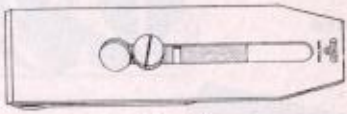
Size in 16ths	No. 315	No. 317	No. 319
4	$3.00	$3.10	..
5	3.00	3.10	$3.70
6	3.10	3.20	3.70
7	3.10	3.20	3.80
8	3.20	3.30	3.80
9	3.20	3.30	3.80
10	3.20	3.30	3.90
11	3.20	3.40	3.90
12	3.40	3.50	4.15
13	3.60	3.70	4.35
14	3.80	3.80	4.65
15	4.15	4.15	4.85
16	4.55	4.55	5.25
18	..	5.45	..
20	..	6.00	..
24	..	6.80	..

Stanley Plane Irons for Bench and Circular Planes

The Single Irons of the same size are identical; thus a 2⅝ in. Single Iron fits all Planes that take a 2⅝ in. plane iron. The Cap Iron (which combined with Single Iron makes the Double Iron), however, is not the same in all cases on the Iron, Wood and Circular Planes and is therefore not interchangeable. **In ordering be sure to give the number of the plane, size of Iron and state whether Single or Double Irons are required.**



Single

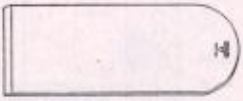


Double

Size (Inches)	Used In Planes Nos.	Single Price Each	Double Price Each	Cap Price Each
1¼	1	$1.05	$1.45	$0.40
1⅝	2, 2C, 602	1.15	1.55	.40
1¾	3, 3C, 5¼, 5¼C, 603, 603C, 605¼	1.25	1.65	.40
1¾	20	1.25	1.65	.40
2	4, 4C, 5, 5C, 604, 604C, 605, 605C	1.25	1.65	.40
2⅛	10, 10½	1.49	1.95	.40
2¼	5½ (Old style,) 605½, 605½C	1.49	1.95	.40
2⅜	4½, 4½C, 5½, 5½C, 6, 6C, 7, 7C, 604½, 604½C, 606, 606C, 607, 607C	1.65	2.15	.50
2⅝	8, 8C, 608, 608C	1.65	2.15	.50

For Stanley and "Bailey" Block Planes

In ordering specify size and whether adjustable or non-adjustable cutters are wanted.



Non-Adjustable

Adjustable

Size (Inches)	Used in Planes Nos.	Price Each
1	100½	$0.62
1	100, 101	.32
1⅛	60, 60½, 203	.62
1⅜	102	.42
1⅜	103	.42
1⅝	9¼, 9½, 15, 16, 17, 18, 18¼, 19, 65, 65½, 118, 120, 220	.62
1⅝	110, 130	.42
1⅝	140	.83

PLANE IRONS AND OTHER PARTS FOR "BED-ROCK," GAGE AND STANLEY WOOD PLANES ARE AVAILABLE

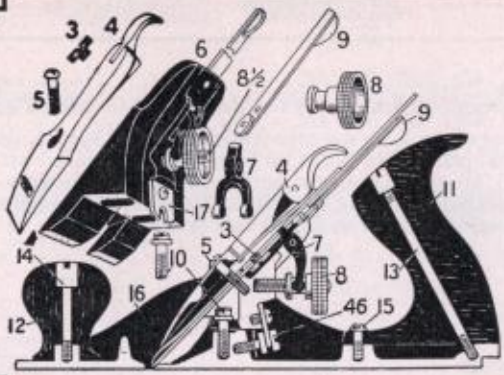
Write:

STANLEY TOOLS

New Britain, Conn.

STANLEY

Repair Parts for Stanley Iron Bench Planes



Old Style Frog

New Style Frog

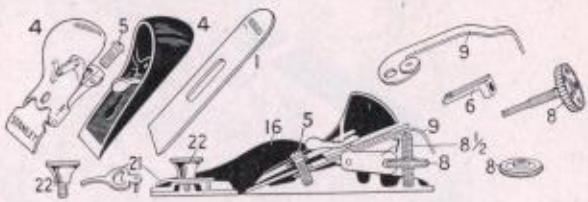
No.	Name of Part	Price for All Numbers	No. of Plane									
			1 2 2C	3 3C	4 4C	4½ 4½C	5 5C	5¼ 5¼C	5½ 5½C	A6 6 6C	7 7C	8 8C
3	Cap Screw	$0.10	....	....	....	....	....	....	....	....	....	....
4	Lever		$0.75	$0.85	$0.90	$1.00	$0.90	$0.85	$1.00	$1.00	$1.00	$1.00
5	Lever Screw	.10	....	....	....	....	....	....	....	....	....	....
6	Frog Complete—specify new or old		1.10	1.10	1.10	1.20	1.10	1.10	1.20	1.20	1.20	1.30
7	"Y" Adjusting Lever	.10	....	....	....	....	....	....	....	....	....	....
8	Adjusting Nut		.20	.30	.30	.30	.30	.30	.30	.30	.30	.30
8½	Adjusting Nut Screw	.10	....	....	....	....	....	....	....	....	....	....
9	Lateral Adjusting Lever	.20	....	....	....	....	....	....	....	....	....	....
10	Frog Screw	.10	....	....	....	....	....	....	....	....	....	....
11	Plane Handle Rosewood	1.00	....	....	....	....	....	....	....	....	....	....
3x 5x	Aluminum Plane Handles No. 3X Fits Planes 3, 4, 5¼ No. 5X Fits Planes 4½, 5, 5½, 6, 7, 8.	1.50	....	....	....	....	....	....	....	....	....	....
12	Plane Knob Hardwood*	.40	....	....	....	....	....	....	....	....	....	....
	Rosewood	.60	....	....	....	....	....	....	....	....	....	....
13	Handle Bolt and Nut	.20	....	....	....	....	....	....	....	....	....	....
14	Knob Bolt and Nut	.20	....	....	....	....	....	....	....	....	....	....
15	Handle Toe Screw	.....	....	....	....	0.10	0.10	0.10	0.10	0.10	0.10	0.10
16	Plane Bottom	.....	2.85	3.20	3.20	3.80	3.80	3.80	3.80	5.30	7.50	9.00
17	Frog Clip and Screw	.20	....	....	....	....	....	....	....	....	....	....
46	Frog Adjusting Screw	.10	....	....	....	....	....	....	....	....	....	....
47	Nut for Handle and Knob Bolts	.10	....	....	....	....	....	....	....	....	....	....

Add 10 per cent. for Corrugated Bottoms.

In ordering be sure to specify **number and name of Part** and **number of Plane**, thus: No. 4 Lever Cap for No. 5 Plane. It will also help us if you will include with your order a rough sketch or tracing of the part desired.

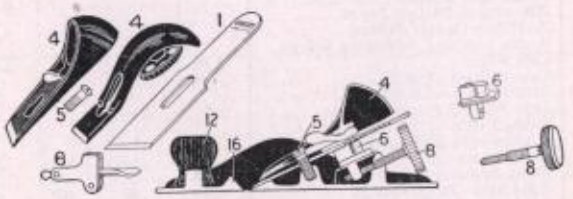
*No longer available from Factory.

Repair Parts for Stanley Block Planes



No.	Name of Part	9½ 9¼	15	18 19	60 60½	65	65½	118
4	Lever	$0.50	$0.50	$1.10	No.60 .70 / No.60½ .50	$1.10	$0.50	$1.00
5	Lever Screw	.10	.10	.10	.10	.10	.10	....
6	Adjusting Slide	....	....	....	.20	.20	.20	*...
7	Adjusting Lever	.10	.10	.10	....	....	....	....
8	Adjusting Nut	.20	.20	.20	.20	.20	.20	....
8½	Adjusting Nut Screw	.10	.10	.10	....	....	....	....
9	Lateral Adjusting Lever	.20	.20	.20	....	....	....	....
16	Plane Bottom	2.30	2.30	2.30	2.30	2.30	2.30	2.50
21	Eccentric Plate	.20	.20	.20	.20	.20	.20	....
22	Finger Rest Knob	.20	.20	.20	.20	.20	.20	....

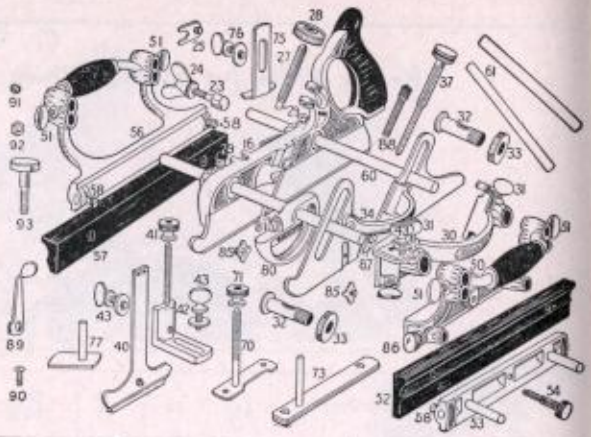
*Adjusting Screw and Nut one assembly on No. 118 Plane .50



No.	Name of Part	100½	100 101	102 *103	110	120	130	203	220
4	Lever	$0.20	$0.20	$0.40	$0.65	$0.40	$0.40	$0.50	$0.50
5	Lever Screw	.10	....	....	....	....	....	.10	.10
6	Adjusting Slide	.....	....	*.30	....	.30	....	.20	.20
8	Adjusting Nut	.....	....	....	....	....	....	.20	.20
12	Plane Knob	.....	....	....	.20	.20	.20	.20	.20
16	Plane Bottom	1.25	.60	.80	1.25	1.50	2.25	1.25	1.35

In ordering be sure to specify **number and name of Part** and **number of Plane**, thus: No. 4 Lever Cap for No. 9½ Plane. It will help us if you will include with your order a tracing or rough sketch of the part desired.

Repair Parts for Stanley Combination Planes

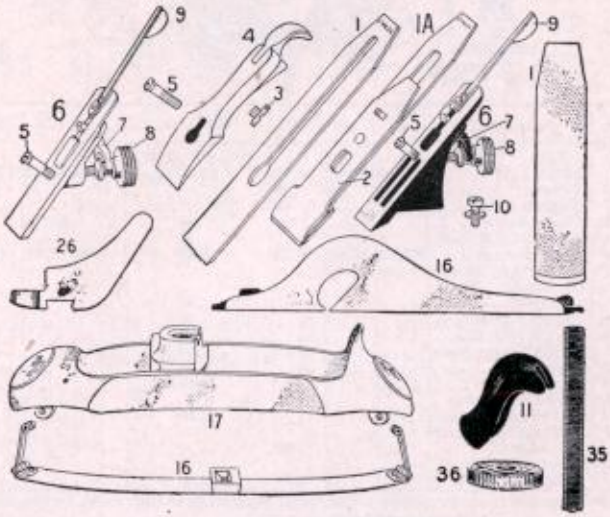


No.	Name of Part	No. of Plane	45	50	54	55
1	Cutters-Regular	Per Set	$8.00	$7.00	$2.75	$19.00
2	Cutters-Special	Per Set	12.00	.....	.....	21.00
16	Main Stock or Bottom		6.50	3.50	4.00	8.00
23	Cutter Bolt		.30	.30	.30	.30
24	Cutter Bolt Wing Nut		.30	.30	.30	.30
25	Cutter Bolt Clip and Screw		.10	.....	.....	.10
27	Cutter Bolt Adjusting Screw		.20	.....	.....	.20
28	Cutter Bolt Adjusting Wheel		.20	.....	.....	.20
30	Sliding Section		4.60	.60	1.65	1.75
32	Thimble		.....	.....	.....	.30
33	Thimble Check Nut		.....	.....	.....	.30
34	Adjustable Bottom		.....	.....	.....	3.85
37	Adjustable Bottom Screw		.....	.....	.....	.40
40	Auxiliary Center Bottom		.....	.....	.....	.60
42	Angle Iron and Adjusting Screws		.....	.....	.....	.60
50	Left Fence		3.80	3.80	3.80	5.40
52	Guard Plate (Wood)		.40	.....	.....	.40
53	Tilting Iron with Swivel		.....	.....	.....	.80
54	Left Fence Adjusting Screw		.....	.....	.....	.40
56	Right Fence		.....	.....	.....	3.50
57	Right Fence Tilting Plate		.....	.....	.....	.40
60	Long Arms	Each	.50	.50	.50	.50
61	Short Arms	Each	.25	.....	.25	.25
70	Adjusting Depth Gauge		.40	.40	.40	.40
73	Adjusting Beading Stop		.40	.....	.....	.60
75	Slitting Cutter Stop		.20	.....	.....	.20
77	Sliding Section Depth Gauge		.40	.....	.....	.....
80	Cam Rest		.80	.....	.....	.80
85	Spurs with Screws		.10	.10	.....	.10
88	Runner Adjusting Screw		.....	.20	.20	.....
89	Cutter Adjustment Lever		.....	.10	.10	.....
90	Cutter Adjustment Screw		.....	.10	.10	.....
91	Cutter Adjustment Collar		.....	.10	.10	.....
92	Cutter Adjustment Nut		.....	.10	.10	.....
93	Special Cutter Fastening Screw		.....	.20	.20	.....
94	Shaving Deflector		.....	.20	.....	.....

Screws, Nos. 29, 31, 41, 43, 51, 58, 71, 76, 81, 86 and 87, **$0.20** each.

In ordering be sure to specify **numbers and name of part** and **number of Plane,** thus: No. 23 Cutter Bolt for No. 50 Plane. It will also help if you will include with your order a sketch or tracing of the part desired.

Repair Parts for Special Planes
Carriage, Circular, Scrub, Shoot and Floor Planes

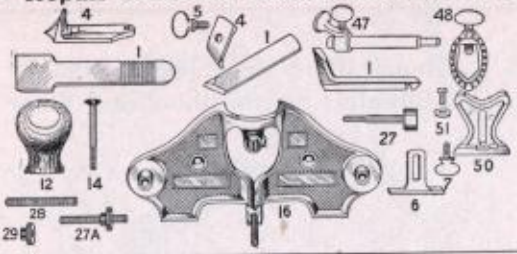


No.	Name of Part	10	10½	20	40
1	Single Plane Iron	....	....	....	$0.40
3	Cap Screw	$0.10	$0.10	$0.10	....
4	Lever	.85	.85	.70	.40
5	Lever Screw	.10	.10	.10	.10
6	Frog Complete	1.10	1.10	1.10	....
7	"Y" Adjusting Lever	.10	.10	.10	....
8	Adjusting Nut	.20	.20	.20	....
9	Lateral Adjusting Lever	.20	.20	.20	....
10	Frog Screw	.10	.10	.10	....
11	Plane Handle	1.00	1.00	....	.30
12	Plane Knob	.60	.60	....	.30
13	Handle Bolt and Nut	.20	.20	....	.20
14	Knob Bolt and Nut	.20	.20	....	.20
16	Plane Bottom	4.40	4.40	2.20	1.90
17	Top Casting	....	....	3.00	....
26	Frog Seat	....	....	1.00	....
35	Bottom Adjusting Screw	....	....	.50	....
36	Bottom Adjusting Nut	....	....	.50	....

In ordering be sure to specify **number and name of Part** and **number of Plane,** thus: No. 4 Lever Cap for No. 10 Plane. It will help us if you will include with your order a rough sketch or tracing of the part desired.

STANLEY

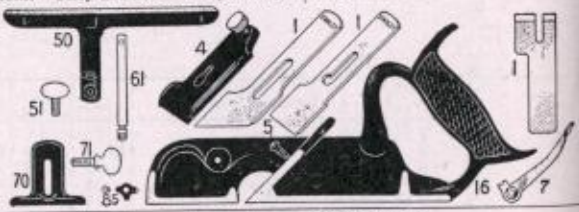
Repair Parts for Rabbet and Router Planes



No.	Name of Part	90 92	93	79	71 71½	271	75	95
					¼", ½", "V"			
1	Plane Iron.....	$0.60	$0.60	$0.30	$0.60 ea.	$0.40	$0.40	$0.30
4	Lever.....	.30	.30	.20	.....	....	.20	.20
5	Thumb Screw....	....	....	.10	.....	.10	....	....
12	Plane Knob.....	....	....	....	.30	....	....	....
14	Knob Bolt & Nut.	....	....	....	.20	....	....	....
16	Plane Bottom....	*5.00	*6.80	3.75	2.65	.90	*.80	1.85
27	Cutter Adj. Screw.	.40	.40	....	.....	....	....	....
27A	Cutter Adj. Nut & Screw.....	....	....	....	.40	....	....	....
28	Cutter Adj. Screw.	....	....	....	.20	....	....	....
29	Cutter Adj. Nut..	....	....	....	.20	....	....	....
47	Depth Gauge Shoe	....	....	....	.60	....	....	....
48	Clamp.....	....	....	....	.50	....	....	....
50	Fence.....	....	....	....	.40 ea.	....	....	....
51	Fence Fastening Screw and Washer	....	....	....	.10	....	....	....
70	Adjustable Depth Gauge.....	....	....	.40	.....	....	....	....
71	Depth Gauge Screw.....	....	....	.20	.....	....	....	....

* Price is for both top and bottom. They are not sold separately as they must be machined to fit.

Repair Parts for Rabbet, Matching and Dado Planes

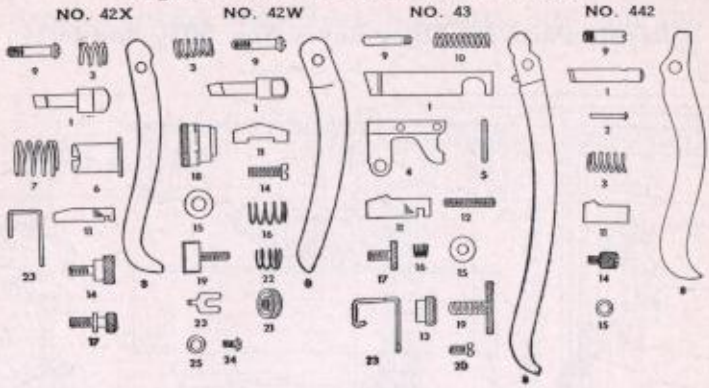


No.	Name of Part	39	78	378	148	190 to 192	248A
1	Plane Iron.....	** .40	$0.40	** .50	$1.30†	$0.40	** .50
4	Lever.....	.25	.30	.20	.30	.40	.....
5	Cutter Holding Screws.....	.10	.10	.10	....	.10	.10
7	Adjusting Lever and Screw.....	....	.20	....	....	....	....
16	Plane Bottom....	**3.80	3.20	3.50	4.60	2.90	3.90
50	Fence.....	....	.65	1.15	....	....	.80
51	Fence Screw.....	....	.10	.10	....	....	.10
61	Fence Arm.....	....	.20	.20	....	....	.20‡
62	Fence Stop Collars and Screws.....	....	....	.15	....	....	....
70	Depth Gauge	.40	.40	*.40	....	.40	.40
71	Depth Gauge Screw	.20	.20	.20	....	.20	.10
85	Spurs with Screws.	.20	.10	....	....	.10	....

* Specify inside or outside. ** Specify size. ‡Specify long or short arm. † Groove Cutter $0.30—Match Cutter $1.00.

Be sure to specify **number and name of Part** and **number of Plane,** thus: No. 4 Lever Cap for No.

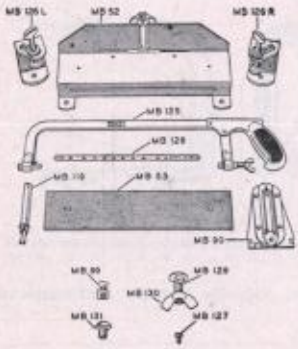
Repair Parts for Stanley Saw Sets



No.	Name of Part	42X	42W	43	442	No.	Name of Part	42X	42W	43	442
1	Plunger	$0.40	$0.40	$0.70	$0.20	13	Anvil Cl. Nut			$0.10	
2	Plunger Pin				.10	14	Anvil Cl. Screw	$0.10	$0.10		$0.10
3	Plunger Spring	.10	.10		.10	15	Anvil Cl. Scr. Washer		.10	.10	.10
4	Plunger Rest			.70		16	Anvil Cl. Spring		.10	.10	
5	Plunger Rest Rivet			.10		17	Anvil Adj. Screw	.10		.10	
6	Plunger Bushing	.40				18	Anvil Adj. Cam		.25		
7	Plunger Bushing Spring	.10				19	Stop		.15	.25	
						20	Stop Cl. Screw			.10	
8	Trigger Lever	.40	.40	.70	.20	21	Stop Adj. Nut		.20		
9	Trigger Pin or Screw	.10	.10	.10	.10	22	Stop Spring		.10		
10	Trigger Spring			.10		23	Circ. Saw Attachm't	.10	.10	.10	
11	Anvil	.40	.25	.50	.25	24	Circ. Saw Screw		.10		
12	Anvil Cl. Bolt			.10		25	Circ. Saw Washer		.10		

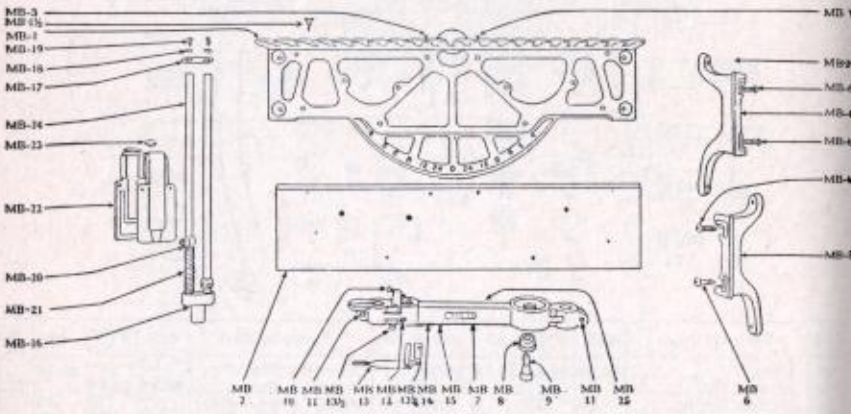
NOTE: When ordering parts for No. 42 Saw Set, specify number and letter on handle.

Repair Parts for Stanley Metal Cutting Mitre Box No. 2360



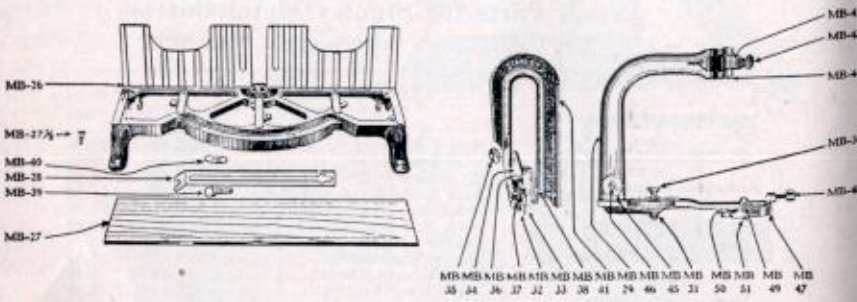
Name of Part	Part No.	Price Each
Base Complete	MB 52	$5.00
Base Board	MB 53	.25
Front Saw Guide	MB 90	1.25
Base Board Screw and Nut	MB 99	.10
Saw Guide Post and Spring	MB 119	.50
Hack Saw Frame	MB 125	3.00
Degree Scale	MB 126	.35
Degree Scale Screw	MB 127	.10
Right Clamp Bracket	MB 128R	1.00
Left Clamp Bracket	MB 128L	1.00
Front Plate Screw	MB 129	.10
Front Plate Wing Nut	MB 130	.10
Clamp Bracket Fastening Screw	MB 131	.10

Repair Parts for Mitre Boxes Nos. 50½ and 60½



Part names and prices are listed on the opposite page. Specify number and name of part and number of mitre box.

Parts for Mitre Box No. 150



Part names and prices are listed on the opposite page. Specify number and name of part and number of mitre box.

Repair Parts for Mitre Boxes Nos. 50½, 60½ and 150

Continued from Page 176

Name of Part	Nos. 50½–60½		No. 150	
	No. of Part	Price	No. of Part	Price
Frame	MB1	$6.00	MB26	$8.00
Board Screw	MB 1½	.10	MB27½	.10
Frame Board	MB2	1.00	MB27	1.00
Spur Screw	MB3	.10	.....	....
Frame Leg (Left)	MB4	.80	.....	....
Frame Leg (Right)	MB5	.80	.....	....
Leg Screw	MB6	.10	.....	....
Length Stop	.....	....	MB28	.15
Swivel Arm	MB7	3.00	MB29	2.25
Swivel Bushing	MB8	.30	.....	....
Swivel Bushing Screw	MB9	.30	.....	....
Swivel Check Screw	MB10	.10	.....	....
Clamp Screw	MB11	.10	.....	....
Index Pin Adjustable Screw	MB12	.10	.....	....
Swivel Pivot Screw	.....	....	MB30	.10
Swivel Pivot Check Nut	.....	....	MB31	.10
Index Pin and Lever	MB13	.20	.....	....
Index Pin Stud	MB13½	.10	.....	....
Index Pin Bushing	MB13¾	.10	.....	....
Index Pin Spring	MB14	.10	.....	....
Index Pin Spring Screw	MB15	.10	.....	....
"T" Base, "Front" or "Back"	MB16	.50	.....	....
Left Saw Guide	.....	....	MB32	.25
Right Saw Guide	.....	....	MB33	.25
Saw Guide Lever	.....	....	MB34	.15
Saw Guide Thumb Screw	.....	....	MB35	.10
Saw Guide Pin	.....	....	MB36	.10
Saw Guide Spring	.....	....	MB37	.10
Saw Guide Adjusting Screw	.....	....	MB38	.10
Length Stop Screw	.....	....	MB39	.10
Length Stop Wing Nut	.....	....	MB40	.10
Saw Guide Cap Plate	MB17	.10	.....	....
Saw Guide Cap Screw Washers	MB18	.10	.....	....
Saw Guide Cap Screws	MB19	.10	.....	....
Saw Guide Stop and Screw	MB20	.20	.....	....
Lifting Spring	MB21	.20	.....	....
Saw Guide Cylinder (½ cylinder)	MB22	.50	.....	....
Saw Guide Cylinder Plate	MB23	.10	.....	....
Upright (Rod)	MB24	.50	.....	....
Saw Yoke	.....	....	MB41	1.25
Yoke Clamping Lever	.....	....	MB42	.10
Yoke Clamping Lever Thumb Screw	.....	....	MB43	.10
Yoke Clamping Lever Pin	.....	....	MB44	.10
Roller	.....	....	MB45	.10
Roller Screw	.....	....	MB46	.10
Latch	.....	....	MB47	.25
Latch Fastening Screw	.....	....	MB48	.10
Latch Pivot Screw	.....	....	MB49	.10
Latch Pivot Set Screw	.....	....	MB51	.10
Latch Spring	.....	....	MB50	.10
Swivel Complete	MB25	3.75	.....	....
Leveling Screws	MB24½	.20	.....	....
Uprights Complete, Front or Back	....	3.00	.....	....

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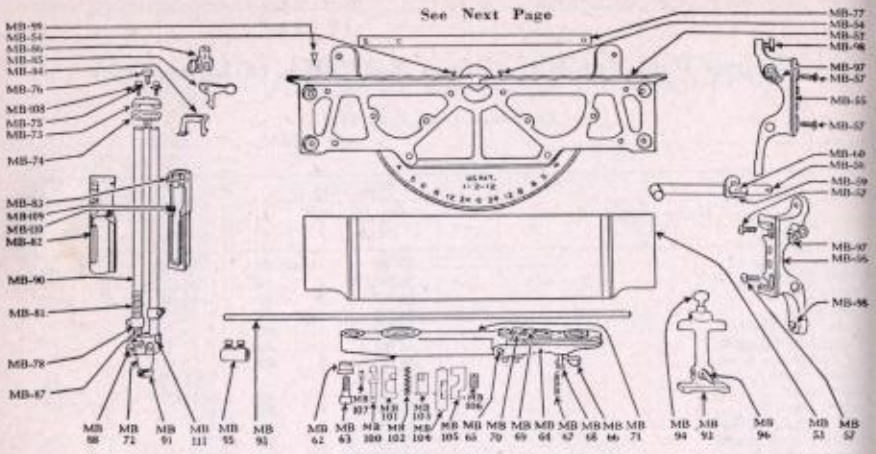
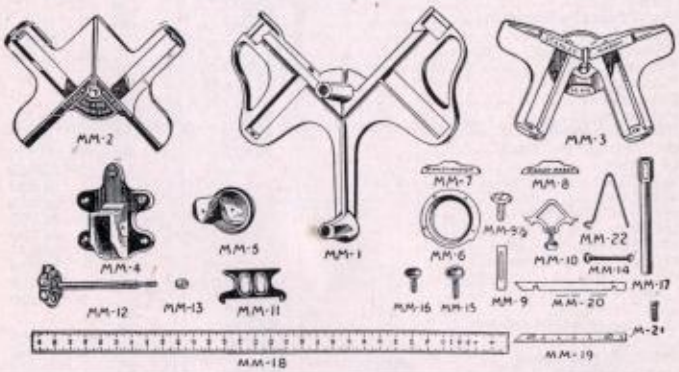
Parts for Mitre Boxes Nos. 240, 242, 244, 246, 346, 358 and 360



Parts For Mitre Machines and Joining Vises



Name of Part	For No. 100 Machine		For No. 400 Vise	
	Part No.	Price	Part No.	Price
Bed Plate	MM1	$12.50	MM2	$4.50
Base	MM4	1.10	MM4	1.10
Hinge	MM5	1.50	MM5	1.50
Ring	MM6	1.50	MM6	1.50
Threaded Clamp	MM7	.70	MM8	.35
Saw Gauge	MM9	.20	.....	....
Saw Gauge Screw and Washer	MM9½	.10	.....	....
Rule Gauge and Screw	MM10	.45	.....	....
Low Clamp (Per Pair)	MM11	.45	.....	....
Clamp Screw	MM12	.90	MM12	.90
Collar for Clamp Screw	MM13	.20	MM13	.20
Hinge Screw and Nut	MM14	.20	MM14	.20
Hinge Thumb Screw (Large)	MM15	.20	MM15	.20
Ring Thumb Screw (Small)	MM16	.20	MM16	.20
Saw Guide (Front or Back)	MM17	1.70	.....	....
Rule, Wood	MM18	1.20	.....	....
Right & Left Hand Stationary Jaws (Each)	MM19	.80	.....	....
Stationary Jaw Spacer	MM20	.15	.....	....
Stationary Jaw Screw	MM21	.10	.....	....
Detent Spring	MM22	.15		

Parts for Mitre Boxes Nos. 240, 242, 244, 246, 346, 358 and 360

Specify name and number of part and number of Mitre Box

Name of Part	Nos. 240-242 244-246		Nos. 346, 358, 360	
	No. of Part	Price	No. of Part	Price
Frame	MB52	13.00	MB52	15.00
Frame Board	MB53	1.00	MB53	1.00
Spur Screw	MB54	.10	MB54	.10
Frame Leg (Left)	MB55	.85	MB55	.90
Frame Leg (Right)	MB56	.85	MB56	.90
Leg Screw	MB57	.10	MB57	.10
Stock Guide	MB58	.50	MB58	.50
Stock Guide Clamp	MB59	.10	MB59	.10
Stock Guide Thumb Screw	MB60	.20	MB60	.20
Swivel Bushing	MB62	.30	MB62	.30
Swivel Bushing Screw	MB63	.30	MB63	.30
Index Clamping Lever	MB64	.50	MB64	.50
Clamping Lever Screw	MB65	.10	MB65	.10
Clamping Lever Catch and Screw	MB66	.10	MB66	.10
Clamping Lever Spring	MB67	.10	MB67	.10
Clamping Lever Spring Screw	MB68	.10	MB68	.10
Degree Plate	MB69	.20	MB69	.20
Degree Plate Screws	MB70	.10	MB70	.10
Swivel Complete	MB71	7.50	MB71	8.00
"T" Base, "Front" or "Back"	MB72	1.50	MB72	1.50
Saw Guide Cap	MB73	.10	MB73	.10
Saw Guide Cap Plate	MB74	.10	MB74	.10
Saw Guide Cap Screws	MB75	.10	MB75	.10
Tie Bar Fastening Screw	MB76	.10	MB76	.10
Saw Guide Tie Bar	MB77	.20	MB77	.30
Saw Guide Stop and Screw (Specify Threaded or Not Threaded)	MB78	.20	MB78	.20
Lifting Spring	MB81	.10	MB81	.10
Saw Guide Cylinder (½ cylinder)	MB82	1.00	MB82	1.00
Saw Guide Cylinder Plate	MB83	.10	MB83	.10
Trip Lever (Back)	MB84	.30	MB84	.30
Trip Lever (Front)	MB85	.30	MB85	.30
Trip Clamp and Screw	MB86	.30	MB86	.30
"T" Block Clamp Screw	MB87	.10	MB87	.10
"T" Block Adjusting Screw	MB88	.10	MB88	.10
Upright (Rod) (Specify Threaded or Not Threaded)	MB90	.50	MB90	.50
"T" Base Clamp Screw	MB91	.20	MB91	.20
Length Stop Stand	MB92	.75	MB92	.75
Length Stop Rod	MB93	.50	MB93	.50
Length Stop Stand Screw	MB94	.10	MB94	.10
Length Stop Arm Coupling & Screw	MB95	.20	MB95	.20
Length Stop Rod Set Screw	MB97	.10	MB97	.10
Leveling Screws	MB98	.20	MB98	.20
Board Screw	MB99	.10	MB99	.10
Index Pin	MB100	.10	MB100	.10
Index Pin Bushing	MB101	.10	MB101	.10
Index Pin Spring	MB102	.10	MB102	.10
Index Pin Cam	MB103	.10	MB103	.10
Clamping Lever Pin	MB104	.10	MB104	.10
Clamping Pin	MB105	.10	MB105	.10
Clamping Pin Adjusting Screw	MB106	.10	MB106	.10
Index Pin Adjusting Screw	MB107	.10	MB107	.10
Saw Guide Cap Lock Washers	MB108	.10	MB108	.10
Roller Bearings and Screws	MB109	.15	MB109	.15
Roller Bearings Screws	MB110	.10	MB110	.10
"T" Base Block	MB111	.50	MB111	.50
Uprights Complete, Front or Back	.....	6.00	.....	6.00

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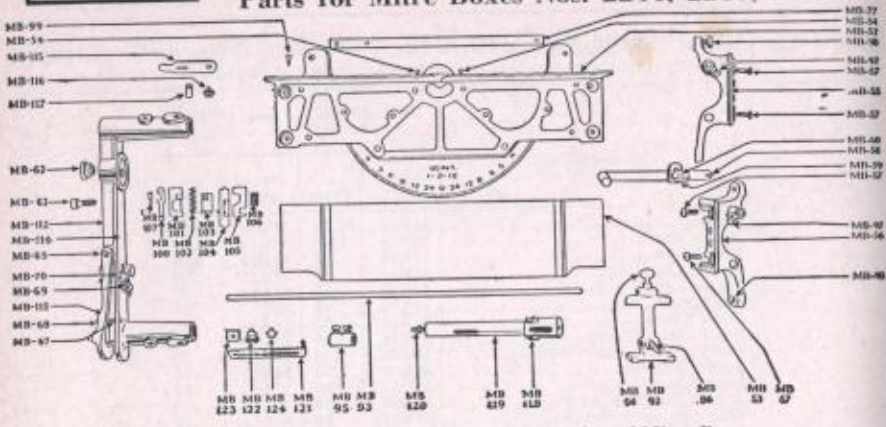
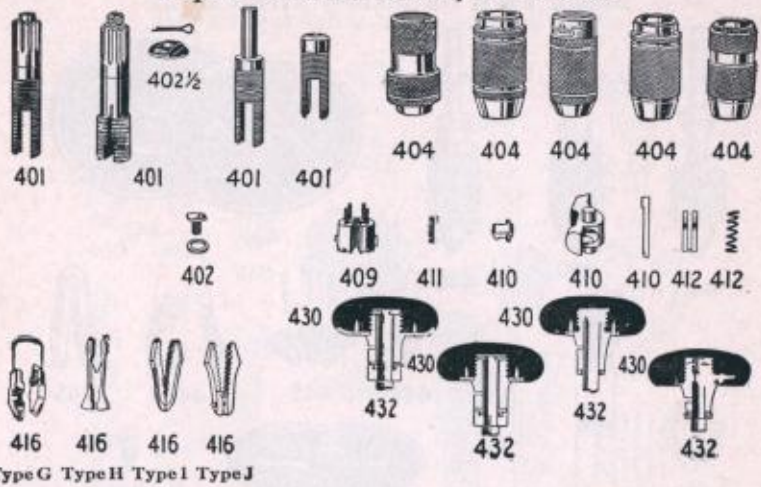
Parts for Mitre Boxes Nos. 2244, 2246, 2358



Specify name and number of part and number of Mitre Box

Name of Part	Nos. 2244-2246		No. 2358	
	Part No.	Price	Part No.	Price
Frame	MB52	$13.00	MB52	$15.00
Frame Board	MB53	1.00	MB53	1.00
Spur Screw	MB54	.10	MB54	.10
Frame Leg (Left)	MB55	.60	MB55	.70
Frame Leg (Right)	MB56	.60	MB56	.70
Leg Screw	MB57	.10	MB57	.10
Stock Guide	MB58	.50	MB58	.50
Stock Guide Clamp	MB59	.10	MB59	.10
Stock Guide Thumb Screw	MB60	.20	MB60	.20
Swivel Bushing	MB62	.30	MB62	.30
Swivel Bushing Spring Washer	MB62½	.10	MB62½	.10
Swivel Bushing Screw	MB63	.30	MB63	.30
Clamping Lever Screw	MB65	.10	MB65	.10
Clamping Lever Spring	MB67	.10	MB67	.10
Clamping Lever Spring Screw	MB68	.10	MB68	.10
Degree Plate	MB69	.20	MB69	.20
Degree Plate Screws	MB70	.10	MB70	.10
Length Stop Stand	MB92	.70	MB92	.70
Length Stop Rod	MB93	.50	MB93	.50
Length Stop Stand Screw	MB94	.10	MB94	.10
Length Stop Arm Coupling and Screws	MB95	.20	MB95	.20
Length Stop Rod Set Screws	MB97	.10	MB97	.10
Leveling and Spur Screws	MB98	.20	MB98	.20
Board Screw	MB99	.10	MB99	.10
Index Pin	MB100	.10	MB100	.10
Index Pin Bushing	MB101	.10	MB101	.10
Index Pin Spring	MB102	.10	MB102	.10
Index Pin Cam	MB103	.10	MB103	.10
Clamping Lever Pin	MB104	.10	MB104	.10
Clamping Pin	MB105	.10	MB105	.10
Clamping Pin Adjusting Screw	MB106	.10	MB106	.10
Index Pin Adjusting Screw	MB107	.10	MB107	.10
Index Clamping Lever	MB113	.40	MB113	.40
Swivel Complete	MB114	13.00	MB114	13.50
Stop Spring	MB115	.10	MB115	.10
Stop Spring Screw and Washer	MB116	.10	MB116	.10
Plunger	MB117	.10	MB117	.10
Roll Studs (complete with bearing)	MB118	.25	MB118	.25
Saw Guide (Front or Back)	MB119	2.50	MB119	3.00
Saw Guide Lifting Screw and Check Nut	MB120	.15	MB120	.15
Saw Depth Gauge	MB121	.30	MB121	.30
Saw Depth Gauge Thumb Screw and Washer	MB122	.15	MB122	.15
Saw Depth Gauge Stop	MB123	.10	MB123	.10
Saw Depth Gauge Stop Screw	MB124	.10	MB124	.10

Repair Parts for Stanley Bit Braces

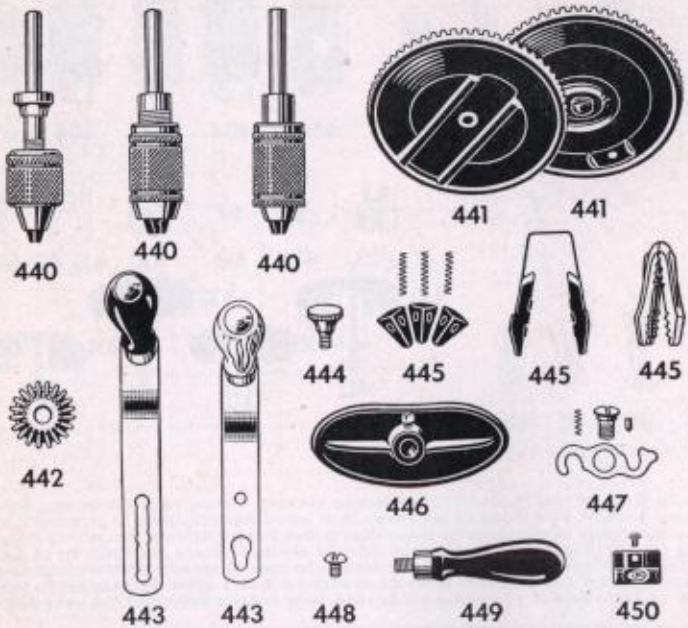


All parts listed can be readily put into the Brace by the user. Other parts can be supplied if required but should any piece be wanted that is not shown, it is better that the Brace be returned to the factory for repairs. Some parts having the same name differ in design in the different Braces. We show different cuts bearing the same number to illustrate the different designs. Heads and quills are shown in section to make difference of construction clear. **In ordering, be sure to specify number and name of part and number of Brace. If the Brace is stamped with an X or Y after the number be sure to mention it. It will also help if you will include with your order a sketch of the part desired.**

No.	Name of Part	811	813	915	917	921	923
401	Screw End....	$1.00	$1.00	$0.60	$0.60	$1.30	$1.00
402	Plug Screw....	....	....	....	.20	....	....
402½	Nut and Pin..	.10	.10	....	....	.10	.10
404	Shell.....	1.80	1.80	.70	.70	.70	.70
409	Clutch (Pair) .	1.00	....	....	....	1.00	....
410	Pawls (Pair)..	....	.40	.40	.40	....	.40
411	Clutch Spring .	.20	....	....	....	.20	....
412	Pawl Spring...	....	.10	.10	.10	....	.10
416	Jaws.....	1.00	1.00	.80	.80	1.00	1.00
430	Head.....	.70	.70	.70	.70	.70	.70
432	Quill.....	.80	.80	.80	.80	.80	.80

No.	Name of Part	945	965	965N	966	975
401	Screw End.....	$0.50	$0.50	$0.50	$0.40	$0.50
402	Plug Screw.....	....	....	....	....	....
404	Shell.....	.70	.60	.70	.60	.60
410	Pawls (Pair).....	.40	.30	.30	....	.30
412	Pawl Spring.....	.10	.10	.10	....	....
416	Jaws.....	.80	.60	.60	.60	.60
430	Head.....	.30	.30	.30	.30	.30
432	Quill.....	.40	.30	.40	.30	.30

Repair Parts for Stanley Breast Drills



All parts listed can be readily put into the Breast Drill by the user. Other parts can be supplied if required but should any piece be wanted that is not shown, it is better that the Drill be returned to the factory for repairs.

Some parts shown above have the same name but differ in design for the different Breast Drills. These you will find listed by the same number in the price list below. *In ordering, be sure to specify number and name of part and number of Drill.*

Part No.	Breast Drill	741	742	743	744
440	Chuck Assembly Complete	$2.50	$2.50	$2.70	$2.50
441	Large Gear with Stud	3.00	3.00	2.00	2.00
442	Small Gear	.80	.80	.80	.80
443	Crank & Crank Handle	.60	.60	.60	.60
444	Crank Screw	..	.20	..	.20
445	Jaws & Jaw Spring	.70	.70	.85	.75
445½	Jaw Springs (Set)	.10	.10	.10	.10
446	Breast Plate & Set Screw	.60	.60	.60	.60
447	Lock Plate and Screws	.30	.30	.30	.30
448	Clamp Screw	.10	..	.10	..
449	Side Handle	.40	.40	.40	.40
450	Level Glass with Screws	.40	.40	.40	.40

Repair Parts for Stanley Hand Drills

All parts listed can be readily put into the Hand Drill by the user. Other parts can be supplied if required, but should any piece be wanted that is not shown, it is better that the Drill be returned to the factory for repairs.

Some parts shown above have the same name but differ in design for the different Hand Drills. These you will find listed by the same number in the price list below. *In ordering, be sure to specify number and name of part and number of Drill.*

Part No.	Hand Drill	610 1610	617	620	624	626	1617	1626
460	Chuck Assembly Complete	$1.80	$1.80	$0.80	$2.00	$2.00	$1.80	$2.00
461	Jaws and Jaw Springs	..	..	.40	..	.40	.40	.40
461½	Jaw Springs only	..	..	.10	..	.10	.10	.10
461A	Jaws, Spring and Disc	.40	.40	..	..	..	..	..
461½A	Springs and Disc only	.20	.20	..	..	..	..	..
461B	Jaws and Jaw Springs	..	.40	..	.40	.40	.40	.40
461½B	Jaw Springs only	..	.10	..	.10	.10	.10	.10
462	Large Gear	1.00	1.60	1.00	1.00	1.00	1.60	1.00
463	Pinion Gear—Rear	.30	.30	.30	.30	.30	.30	.30
464	Crank and Crank Handle	.30	.30	.30	.30	.30	.30	.30
465	Crank Screw	.10	.10	.10	.10	.10	.10	.10
466	Side Knob	..	.30	.20	.30	.30	.30	.30
467	Handle	.50	.50	.50	.70	.50	.60	.60
468	Handle Cap	..	..	.40	.50	..	.50	.40
469	Set of Drill Points	.50	.50	.50	.50	.50	.50	.50
470	Speed Gear Screw	.20	.20	..	.20	.20	.20	.20

The Metric System

WEIGHTS

Metric Denominations and Values			Equivalents in Denominations in use.			
Names		No. Grams		Quantity of water at maximum density		Avoirdupois Weight
Millier or tonneau	=	1,000,000	=	1 cubic meter	=	2204.6 pounds
Quintal	=	100,000	=	1 hectoliter	=	220.46 pounds
Myriagram	=	10,000	=	10 liters	=	22.046 pounds
Kilogram or kilo	=	1,000	=	1 liter	=	2.2046 pounds
Hectogram	=	100	=	1 deciliter	=	3.5274 ounces
Dekagram	=	10	=	10 c. centimeters	=	0.3527 ounce
Gram	=	1	=	1 c. centimeter	=	15.432 grains
Decigram	=	.1	=	.1 c. centimeter	=	1.5432 grains
Centigram	=	.01	=	10 c. millimeters	=	0.1543 grain
Milligram	=	.001	=	1 c. millimeter	=	0.0154 grain

MEASURES OF LENGTH

Metric Denominations and Values				Equivalents of Denominations in use
Myriameter	=	10,000 meters	=	6.2137 miles
Kilometer	=	1,000 meters	=	0.62137 mile, or 3,280 feet 10 inches
Hectometer	=	100 meters	=	328 feet and 1 inch
Dekameter	=	10 meters	=	393.7 inches
Meter	=	1 meter	=	39.37 inches
Decimeter	=	.1 meter	=	3.937 inches
Centimeter	=	.01 meter	=	0.3937 inch
Millimeter	=	.001 meter	=	0.0394 inch

MEASURES OF SURFACE

Metric Denominations and Values				Equivalents in Denominations in use
Hectare	=	10,000 square meters	=	2.471 acres
Are	=	100 square meters	=	119.6 square yards
Centare	=	1 square meter	=	1550 square inches

MEASURES OF CAPACITY

Metric Denominations and Values						Equivalents in Denominations in use			
Names		No. Liters		Cubic Measure		Dry Measure		Wine Measure
Kiloliter	=	1,000	=	1 cubic meter	=	1.308 cubic yards	=	264.17 gallons
Hectoliter	=	100	=	.1 cubic meter	=	2 bush. 3.35 pecks	=	26.417 gallons
Decaliter	=	10	=	10 c. decimeters	=	9.08 quarts	=	2.6417 gallons
Liter	=	1	=	1 c. decimeter	=	0.908 quart	=	1.0567 quarts
Deciliter	=	.1	=	.1 c. decimeter	=	6.1022 cubic inches	=	0.845 gill
Centiliter	=	.01	=	10 c. centimeters	=	0.6102 cubic inch	=	0.338 fluid oz.
Milliliter	=	.001	=	1 c. centimeter	=	0.061 cubic inch	=	0.27 fluid dr.

United States and Metric Constants

LONG MEASURE

Millimeters	×	.03937	=	inches
Millimeters	÷	25.4	=	inches
Centimeters	×	.3937	=	inches
Centimeters	÷	2.54	=	inches
Meters	=	39.37	=	inches (Act of Congress)
Meters	×	3.281	=	feet
Meters	×	1.094	=	yards
Kilometers	×	.621	=	miles
Kilometers	÷	3280.7	=	feet
Kilometers	÷	1.6093	=	miles

SQUARE MEASURE

Square millimeters	×	.0015	=	square inches
Square millimeters	÷	645.1	=	square inches
Square centimeters	×	.155	=	square inches
Square centimeters	÷	6.451	=	square inches
Square meters	×	10.764	=	square feet
Square kilometers	×	247.1	=	acres
Hectares	×	2.471	=	acres

CUBIC MEASURE

Cubic centimeters	÷	16.383	=	cubic inches
Cubic centimeters	÷	3.69	=	fluid drachms (U. S. P.)
Cubic centimeters	÷	29.57	=	fluid ounce (U. S. P.)
Cubic meters	×	35.315	=	cubic feet
Cubic meters	×	1.308	=	cubic yards
Cubic meters	×	264.2	=	gallons (231 cubic inches)

LIQUID MEASURE

Liters	×	61.022	=	cubic inches (Act of Congress)
Liters	×	33.84	=	fluid ounces (U. S. Phar.)
Liters	×	.2642	=	gallons (231 cubic inches)
Liters	÷	3.78	=	gallons (231 cubic inches)
Liters	÷	28.316	=	cubic feet
Hectoliters	×	3.531	=	cubic feet
Hectoliters	×	2.84	=	bushels (2150.42 cubic inches)
Hectoliters	×	.131	=	cubic yards
Hectoliters	÷	26.42	=	gallons (231 cubic inches)

WEIGHTS

Grammes	×	15.432	=	grains (Act of Congress)
Grammes	×	981.	=	dynes
Grammes (water)	÷	29.57	=	fluid ounces
Grammes	÷	28.35	=	ounces avoirdupois
Grammes per cubic centimeter	÷	27.7	=	pounds per cubic inch
Joule	×	.7373	=	foot pounds
Kilograms	×	2.2046	=	pounds
Kilograms	×	35.3	=	ounces avoirdupois
Kilograms	÷	1102.3	=	tons (2,000 pounds)
Kilograms	×	per square centimeter 14.223	=	pounds per square inch.

U. S. Weights and Measures

LONG MEASURE (Measures of Length)

Ins.		Feet		Yards		Fathoms		Rods		Furlongs		Mile
12	=	1										
36	=	3	=	1								
72	=	6	=	2	=	1						
198	=	16½	=	5½	=	2¾	=	1				
7920	=	660	=	220	=	110	=	40	=	1		
63360	=	5280	=	1760	=	880	=	320	=	8	=	1

6080.26 Feet = 1.15 Statute Miles = 1 Nautical Mile or Knot.

SQUARE MEASURE (Measures of Surface)

Sq. Ins.		Sq. Feet		Sq. Yards		Sq. Rods		Roods		Acre
144	=	1								
1296	=	9	=	1						
39204	=	272¼	=	30¼	=	1				
1568160	=	10890	=	1210	=	40	=	1		
6272640	=	43560	=	4840	=	160	=	4	=	1

640 Acres = 1 Square Mile.

An Acre = a square whose side is 69.57 Yards or 208.71 Feet.

CUBIC MEASURE (Measures of Volume)

Cu. Ins.		Cu. Feet		Cu. Yards
1728	=	1		
46656	=	27	=	1

A Cord of Wood = 128 Cubic Feet, being 4 feet × 4 feet × 8 feet.

42 Cubic Feet = a Ton of Shipping

1 Perch of Masonry = 24¾ Cubic Feet, being 16½ feet × 1½ feet × 1 foot.

LIQUID OR WINE MEASURE

The U. S. Standard Gallon measures 231 Cubic Inches, or 8.33888 Pounds avoirdupois of pure water, at about 39.85 degrees Fahr., the Barometer at 30 inches.

Gills		Pints		Quarts		Gallons		Tierces		Hogs-heads		Punch-eons		Pipes		Tun	Cubic Inches
4	=	1	=														28.875
8	=	2	=	1	=												57.75
32	=	8	=	4	=	1	=										231.
1344	=	336	=	168	=	42	=	1									
2016	=	504	=	252	=	63	=	1½	=	1							
2488	=	672	=	336	=	84	=	2	=	1¼	=	1					
4032	=	1008	=	504	=	126	=	3	=	2	=	1½	=	1			
8064	=	2016	=	1008	=	252	=	6	=	4	=	3	=	2	=	1	

A Cubic Foot contains 7½ Gallons.

The British Imperial Gallon contains 277.27 Cubic inches and = 1.2 U. S. Gallons.

U. S. Weights and Measures

DRY MEASURE

The Standard Bushel contains 2150.42 Cubic Inches, or 77.627013 Pounds Avoirdupois of pure water at maximum density. Its legal dimensions are 18½ Inches diameter inside, 19½ Inches outside, and 8 Inches deep; and when heaped, the cone must be 6 Inches high, making a heaped Bushel equal to 1¼ struck ones.

Pints		Quarts		Gallons		Pecks		Bushels		Cubic Inches
2	=	1	=							67.2
8	=	4	=	1	=					268.8
16	=	8	=	2	=	1	=			537.6
64	=	32	=	8	=	4	=	1	=	2150.42

The British Imperial Bushel contains 2218.2 Cubic Inches and = 1.03 U. S. Bushels.

AVOIRDUPOIS OR COMMERCIAL WEIGHT

The Grain is the same in Troy, Apothecaries and Avoirdupois Weights.

The Standard Avoirdupois Pound is the weight of 27.7015 Cubic Inches of distilled water weighed in the air at 35.85 degrees Fahr., Barometer at 30 Inches. 27.343 Grains = 1 Drachm.

Drachms		Ounces		Lbs.		Long Qrs.		Long Cwt.		Long Ton
16	=	1								
256	=	16	=	1						
7168	=	448	=	28	=	1				
28672	=	1792	=	112	=	4	=	1		
573440	=	35840	=	2240	=	80	=	20	=	1

The above Table gives what is known as the Long Ton. The Short Ton weighs 2000 Pounds.

BRICKWORK

Brickwork is estimated by the thousand, and of various thicknesses of wall, runs as follows:

8¼ inch Wall, or 1 Brick in thickness, 14 Bricks per superficial foot
12¾ inch Wall, or 1½ Brick in thickness, 21 Bricks per superficial foot
17 inch Wall, or 2 Brick in thickness, 28 Bricks per superficial foot
21½ inch Wall, or 2½ Brick in thickness, 35 Bricks per superficial foot

An ordinary Brick measures about 8¼ x 4 x 2 inches, which is equal to 66 cubic inches or 26.2 Bricks to a cubic foot. The average weight is 4½ lbs.

FLOORING AND SIDING

In estimating matched flooring, a square foot of ⅞ inch stuff is considered to be one foot Board Measure.

If the flooring is 3 inches or more in width, add ¼ to assumed Board Measure to allow for the forming of tongue and groove; for less than 3 inches in width, add ⅓.

A square foot of 1⅛ inch finished flooring is considered to be 1¼ feet Board Measure.

To calculate the Board Measure of same, figure as if 1 inch thick and add 60 per cent. to cover extra thickness and waste in tonguing, grooving, etc.

Siding is measured by superficial foot.

6 inch Siding nominal width actually measures 5⅝ inches.

Information on Lumber

CONTENTS (BOARD MEASURE)

OF ONE LINEAL FOOT OF TIMBER

Width in Inches	THICKNESS IN INCHES												
	1	2	3	4	5	6	7	8	9	10	11	12	13
18	1.5	3.	4.5	6.	7.5	9.	10.5	12.	13.5	15.	16.5	18	19.5
17	1.42	2.83	4.25	5.66	7.08	8.5	9.92	11.33	12.75	14.17	15.58	17	18.42
16	1.33	2.67	4.	5.33	6.67	8.	9.33	10.67	12.	13.33	14.67	16	17.33
15	1.25	2.5	3.75	5.	6.25	7.5	8.75	10.	11.25	12.5	13.75	15	16.25
14	1.17	2.33	3.5	4.67	5.83	7.	8.17	9.33	10.5	11.67	12.83	14	15.17
13	1.09	2.17	3.25	4.33	5.42	6.5	7.58	8.67	9.75	10.83	11.92	13	14.08
12	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12	
11	.92	1.83	2.75	3.67	4.58	5.5	6.42	7.33	8.25	9.17	10.08		
10	.84	1.67	2.5	3.33	4.17	5.	5.83	6.67	7.5	8.33			
9	.75	1.5	2.25	3.	3.75	4.5	5.25	6.	6.75				
8	.67	1.33	2.	2.67	3.33	4.	4.67	5.33					
7	.59	1.17	1.75	2.33	2.92	3.5	4.08						
6	.50	1.	1.5	2.	2.5	3.							
5	.42	.83	1.25	1.67	2.08								
4	.34	.67	1.	1.33									
3	.25	.5	.75										
2	.17	.33											

To ascertain contents of a piece of timber, find in the table the contents of one foot and multiply by the length, in feet, of the piece.

EXAMPLE: What is the contents (Board Measure) of a piece of timber 10 in. x 7 in., 20 ft. long.

ANSWER: 5.83 x 20 = 116.6 feet Board Measure.

PROPERTIES OF TIMBER

*ALLOWABLE WORKING STRESSES FOR DRY TIMBER COMMON GRADE

(Compiled from data in Technical Bulletin No. 158 published by U. S. Forest Products Laboratory)

Commercial Name of Specie	Weight lbs. per cu. ft. (Dry)	Fibre Stress in Bending (lbs. per sq. in.)	Compression Perpendicular to grain (lbs. per sq. in.)	Compression Parallel to grain (lbs. per sq. in.)
Ash, black	34	800	300	520
Ash, white	42	1,120	500	880
Beech	48	1,200	500	960
Cedar, white	28	600	175	440
Cedar, red	23	720	200	560
Chestnut	30	760	300	640
Cypress	32	1,040	350	880
Elm Rock	44	1,200	500	960
Fir Douglas (dense)	34	1,400	379	1,027
Fir Balsam	26	720	150	560
Hemlock	33	880	300	560
Hickory	50	1,520	600	1,200
Maple, hard	44	1,200	500	960
Maple, soft	38	800	350	640
Oak, red and white	50	1,120	500	800
Pine, white	25	720	250	600
Pine Southern Yellow (dense)	38	1,400	379	1,027
Redwood	30	960	250	800
Spruce, Eastern	28	880	250	640

*For timbers occasionally wet or continuously wet lower stresses must be used.

Information on Cut Nails

THE TERM "PENNY" AS APPLIED TO NAILS

The origin of the terms "six-penny," "ten-penny," etc., as applied to nails, though not commonly known, is involved in no mystery whatever. Nails have been made a certain number of pounds to the thousand for many years and are still reckoned in that way in England, a ten-penny being a thousand nails to ten pounds, a six-penny a thousand nails to six pounds, a twenty-penny weighing twenty pounds to the thousand; and, in ordering, buyers call for the three-pound, six-pound, or ten-pound variety, etc., until by the Englishmen's abbreviation of "pun" for "pound," the abbreviation has been made to stand for penny, instead of pound, as originally intended.

LENGTH AND NUMBER OF CUT NAILS TO THE POUND

SIZE	Length	Common	Clinch	Fence	Finishing	Fine	Barrel	Casing	Brads	Tobacco	Cut Spikes
¾	¾ in.						800				
⅞	⅞						500				
2d	1	800			1100	1000	376				
3d	1¼	480			720	760	224				
4d	1½	288			523	368	180	398			
5d	1¾	200			410					130	
6d	2	168	96	84	268			224	126	96	
7d	2¼	124	74	64	188				98	82	
8d	2½	88	62	48	146			128	75	68	
9d	2¾	70	53	36	130			110	65		
10d	3	58	46	30	102			91	55		28
12d	3¼	44	42	24	76			71	40		
16d	3½	34	38	20	62			54	27		22
20d	4	23	33	16	54			40			14½
30d	4½	18	20					33			12½
40d	5	14						27			9½
50d	5½	10									8
60d	6	8									6
	6½										5½
	7										4½
	8										2½

TABLE FOR ESTIMATING QUANTITY OF NAILS

Material	Size of Nail	Lbs. Required
1000 Shingles	4d	5
1000 Laths	3d	7
1000 Square Feet Beveled Siding	6d	18
1000 " " Sheathing	8d	20
1000 " " "	10d	25
1000 " " Flooring	8d	30
1000 " " "	10d	40
1000 " " Studding	10d	15
1000 " " Furring 1 x 2 in.	10d	10
1000 " " Finished Flooring, ⅞ in.	8d to 10d Fin.	20
1000 " " " " 1⅛ in.	10d Fin.	30

Information on Shingles

CEDAR SHINGLES

Shingles are usually made with random width and in three standard lengths—16 inch, 18 inch and 24 inch.

The standard unit of packing is the square. 16-inch shingles are packed 4 bunches to the square which when exposed 5 inches to the weather will cover 100 square feet; 18-inch shingles are packed 4 bunches to the square, which when exposed 5½ inches to the weather will cover 100 square feet; 24-inch shingles are packed 3 bunches to the square which when exposed 10 inches to the weather will cover 100 square feet.

This table gives the approximate number of square feet covered by one square of each size of the Shingles when exposed to the weather in different proportions.

Exposure to Weather	16 Inch Random Square Feet Per Square	18 Inch Random Square Feet Per Square	24 Inch Random Square Feet Per Square
4 inch	80	...	..
4½ inch	90	...	..
5 inch	100	92	..
5½ inch	110	100	..
6 inch	120	111	..
6½ inch	130	120	..
7 inch	140	129	70
7½ inch	150	138	75
8 inch	...	148	80
8½ inch	...	...	85
9 inch	...	...	90
9½ inch	...	...	95
10 inch	...	...	100
10½ inch	...	...	105
11 inch	...	...	110

ASBESTOS SHINGLES

Type of Shingle	Weight per Sq. Applied (Lbs.)	No. of Shingles per Sq.	Galv. Nails per Sq. (Lbs.)	No. of Storm Nails Req. per Sq.	Surface Exposed (In.)
Hexagonal, 12 x 12 x ⅛ inch.....	320	160	1½	160	9½ x 9½
Hexagonal, 16 x 16 x ⅛ inch.....	300	87	1	87	13 x 13
American Method 9 x 18 x ¼ inch..	680	204	2	None	8 x 9

NOTE: With Hexagonal Shingles, Ridge Roll is required. Figure 93 sections of Ridge Roll for every one hundred feet of Ridge or Hips. For American Method Shingles, Boston Hip or Ridge is required. Figure 1½ squares of shingles for every one hundred lineal feet covered.

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